An ordinance to regulate plumbing in the City of Kent, providing for the issuance of permits therefore, for testing and inspecting the same, and for the condemnation of buildings and premises unfit for human habitation and providing penalties for the violation of its provisions.

THE CITY COUNCIL OF THE CITY OF KENT DO ORDAIN AS FOLLOWS:

Section 1. The mayor of the City shall appoint an inspector of plumbing, upon the taking effect of this ordinance, who shall serve during the pleasure of the mayor.

Section 2. It shall be unlawful for any person or persons to begin any work in the construction, alteration or repair of any plumbing or house drainage system in any building in the City of Kent, without complying with all of the provisions of this ordinance in relation thereto, and first having and obtaining a permit therefore from the city clerk which permit shall be kept posted in or upon the premises wherein or wherein the work is done, in a conspicuous place, at all times, while such work is in progress. Provided that no permit shall be required for the removal of stoppage in waste or soil pipe, or for replacing broken fixtures with fixtures complying with the provisions hereof, nor for repairing leaks in waste pipes.

Section 3. Application for a permit shall be made by the owner of the premises, or the contractor or person in charge of the work, shall be in writing, setting forth the number and kind of fixtures to be used, the description of the property where the work is to be done, so as to definitely locate the same, the name of the owner and his address, the name and address of the contractor or person in charge of the work, and agreeing that the said work shall be done in accordance with law and the ordinances of the said city.

Section 4. When a permit has been given for plumbing, the work done and the materials used shall be under the inspection and subject to the approval of the inspector of plumbing, who may revoke the permit and stop the work at any time when the work or materials do not conform to the requirements of law and the ordinances of the City, and it shall be unlawful for any person to proceed with such work thereaf-
ter without the written consent of the sewage committee,

Section 5. When the roughing in work of any plumbing or house drain-
ing has been completed, and before any part thereof has been covered
the same must be subjected to a test by plugging all openings and
filling the pipes with water under a pressure at least 25 per cent
greater than the pressure they will be required to resist at any time
after their completion.

Section 6. Such test shall be made in the presence of the plumbing
inspector and shall show the entire work without any leakage whatever.
Notice of such test shall be given the plumbing inspector by the plumb-
er at least forty-eight hours before the test is made. Any defects
showing upon such inspection shall be remedied by the plumber before
the work is covered, and shall be approved by the inspector.

Section 7. When the work is completed and all of the fixtures set
the inspector must be notified, and a final test may be required by him
if he think the same necessary, and no plumbing shall be used until his
certificate of approval thereof has been filled with the city clerk
by the owner of the property.

Section 8. It shall be unlawful for any person being the owner, agent
or occupant of any building or premises to maintain or allow to be
maintained therein or thereon any plumbing or drainage system that does
not conform to the provisions and requirements of this ordinance.

Section 9. A fee of fifty cents shall be charged and collected by the
city clerk for issuing a permit as provided in this ordinance.

The inspector shall be entitled to a fee of fifty cents for each in-
spection of plumbing with three or less fixtures, and a further fee of
ten cents for each additional fixture, all such fees to be paid by the
owner of the property wherein such plumbing shall be located.

Section 10. All soil and waste pipes shall be of the grade known in
commerce as "Standard pipe" except where extraordinary strength is re-
quired (of which the inspector shall be the judge), when it shall be
of the quality known as "Extra heavy", shall be of cast iron, dipped in
hot coal tar or pitch so as to form a good hard uniform coating and all
pipes, hubs and fittings must be sound and free from cracks and holes.
Section 11. All joints in cast pipe shall be made with oakum well tamped and pure lead well calked, and no paint, varnish, putty or cement of any kind will be allowed until the joints have been treated, inspected and approved as required by this ordinance.

All joints in wrought iron pipes shall be screw joints. Joints in lead pipe must in all cases be wiped and made in a workmanlike manner.

Joints between lead and iron pipes must be made by means of cast brass soldering nipples or extra heavy brass calking stopes the full size of the iron pipe, and all trap screws shall be inserted by means of a wiped joint. No soldering joints or unions shall be used to connect waste or vent pipes which are to be concealed.

Section 12. All sewer, soil and waste pipes must be run as direct as possible and changes in direction must be made with Y branches of not greater than one eighth bends. Bends in lead pipes shall be made so as to leave full sized openings, and care must be used not to make any material weakening of the pipe in bending or making the same.

Section 13. Lead pipe and traps shall be drawn, and shall be not less than the following weights per linear foot:

<table>
<thead>
<tr>
<th>Pipe Size</th>
<th>Weight</th>
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</thead>
<tbody>
<tr>
<td>1 1/4 inch pipe</td>
<td>1 1/2 pounds</td>
</tr>
<tr>
<td>1 1/2 inch pipe</td>
<td>1 1/2 pounds</td>
</tr>
<tr>
<td>2 inch pipe</td>
<td>4 pounds</td>
</tr>
<tr>
<td>3 inch pipe</td>
<td>6 pounds</td>
</tr>
<tr>
<td>4 inch pipe</td>
<td>8 pounds</td>
</tr>
</tbody>
</table>

Section 14. Vertical main soil, pipes or drain pipes, shall extend full size to at least 1 foot above the roof, and in case of flat roofs at least 1 foot above the roof; pipes on extension roofs shall be carried along the roof to the main building, and up the side thereof at least one foot above the roof thereof, and three feet above all openings. There shall be no cowels, ventilators or return bends on the end of pipes above the roof.

Section 15. Soil pipes shall be not less than four inches in diameter, and waste pipes not less than 1 1/4 inch in diameter, except for wash basin or pantry sink which may 1 1/4 inch diameter where only one fixture is attached; from three to seven fixtures shall have a 2 inch waste pipe and exceeding seven fixtures shall have at least a three inch waste pipe. All soil and waste pipes shall have a grate and be drained by hooks and piping. Waste pipes shall be construed to mean those receiving discharge
other than from water closets.

Section 16. Traps and vents shall be provided for each fixture as follows: Two inch traps and all lesser traps shall be ventilated not more than four inches from the water line, except when opening into a line vent or stack not more than fifteen inches removed from the water line in the trap. All traps of a larger size shall be ventilated from vent horn and if no vent horn be provided, then the vent pipe shall start from the lead bend, as near the floor flange as practicable. All vent pipes shall be of galvanized wrought iron, standard cast iron or lead, and cast iron shall be coated with coal tar or pitch and be free from defects. Vent pipes shall not on a less grade than one inch to the foot, and shall rise at least one foot above the highest water line of the fixture before connecting with another vent.

Section 17. The size of vent pipes for traps two inches or less in diameter shall not be less than the traps they serve. In water closets or slop sinks, the vent pipe shall be not less than two inches in diameter. No two inch vent pipe shall exceed 35 feet in length, and vent pipes shall be increased ½ inch in diameter for each thirty feet of additional height, or length.

1. Two inch traps may be vented into a 2 inch vent pipe not more than 35 feet long.
2. One and ½ inch traps may be vented into a one and ½ inch vent pipe not more than 35 feet long.
3. One and ⅔ inch traps may be vented into a 2 inch vent pipe not more than 35 feet long.
4. One and ⅔ inch traps may be vented into a 1½ inch vent pipe not more that 35 feet long.
5. One and ⅔ inch traps may be vented into a 1½ inch vent pipe not more that 35 feet long.

Not more than 12 one and ⅔ inch traps shall be vented into 2 inch vent pipe.

Section 18. Grease traps inside buildings used for hotels, restaurants, boarding houses, and tenements, shall be provided of lead, brass, or cast iron, and shall have an air tight screw cover at least four inches in diameter; through such traps shall pass all slops of a greasy natur
and the discharge from any fixture shall not pass through more than one trap in any case before reaching the drain.

Section 19. Traps and branch waste pipes shall be not less than the following diameters:

For one basin or pantry sink, 1\(\frac{1}{4}\) inches.
For slop sink, 1\(\frac{1}{2}\) inches.
For kitchen sink, 1\(\frac{3}{4}\) inches.
For bath tub, 1\(\frac{1}{2}\) inch waste pipe, 4 inch pot trap, and 4 inch cleanout screw above the floor.
For urinals, 1\(\frac{3}{4}\) inches.
For laundry tubs, 1\(\frac{1}{4}\) inches.
For water closets, 4 inches.

Section 20. Every water closet shall be supplied with water from a separate tank or reservoir, which shall be no arranged as to deliver at least four gallons of water at each flushing, and shall have a flush pipe at least 1\(\frac{1}{4}\) inches in diameter.

Section 21. Privy pans, sinks or plug closets, or closets known as dry earth closets will not be permitted, and any privy vault within a district having sewers will be and is prohibited upon property approximate or adjacent to a sewer. Water closets must not be placed in an unventilated room, but must open to the outer air by means of a window, shutter or air shaft, and in no case shall air ducts open from a water closet to living or sleeping rooms.

Section 22. Wooden casings for sinks, water closets or bath tubs, and wooden sinks, both tubs and wash trays are prohibited.

Section 23. When urinals are placed in public buildings, the floor, partitions, walls, must be enclosed with either marble, slate, heavy glass sheet lead, smooth finished stone or concrete, or enameled cast iron.

Water traps shall be provided and no galvanized iron or tin troughs shall be used.

Section 24. Cess pools will be permitted where property is not accessible to a sewer, but not otherwise. All cess pools shall be properly drained so as to avoid overflow, and shall be carefully covered so as avoid any odor arising therefrom.

Section 25. Soil pipes shall extend at least 2\(\frac{1}{2}\) feet outside of the walls of the building before discharging into a sewer, and in case of soft or wet soil where earthen pipe is liable to buckle or break, cast
soil pipe shall be used to the street line. Sewers and soil pipes shall be provided with clean outs at each change of direction.

Section 26. Water service pipes must be located so that the supply for each separate house or premises shall be controlled by a separate stop and waste cock, with extension handle, properly protected from frost and so placed within the premises that all service pipes and fixtures may be thoroughly drained during freezing weather. All pipes in the building must drain toward the stop and waste cock. If all water pipes shall be either galvanized iron, lead or brass and protected from frost. Traps in hot water pipes must be avoided where possible.

Air chambers must be provided at the termination of all vertical water pipes.

Section 27. Whenever the inspector or health officer shall find any building or premises that are being occupied, kept or maintained in violation of or not complying with the provisions of this ordinance, he shall notify the owner, agent or occupant of the said property or premises to cause the same to be made to conform to the provisions of this ordinance within twenty-four hours, and it shall be unlawful for any person so notified to fail, neglect or refuse to to comply with such notice. Said notice shall be in writing and served upon the person to whom it is directed by delivery of a copy to him if he be found in the city, by mailing him a copy of the same if he be not so found, and if the premises be unoccupied, and the owner unknown, and no agent be found, service may be made by posting such notice upon the property.

Section 28. The maintenance of any plumbing contrary to the provisions of this ordinance shall be deemed a nuisance and the same may be abated as by law provided.

Section 29. Any person failing or refusing to comply with the provisions of this ordinance in the construction, repairs or maintenance of any plumbing, or any plumbing fixture, or cess pool, shall be deemed guilty of a misdemeanor and on conviction shall be fined in any sum not exceeding one hundred dollars, or imprisoned not exceeding thirty days.

Passed June 17th,

J. E. Price, Mayor
P. W. Clark, Clerk

Approved June 20th.