

ORDINANCE NO. 401

AN ORDINANCE REGULATING THE INSTALLATION OF PLUMBING
AND PROVIDING PENALTIES FOR THE VIOLATION THEREOF

BE IT ORDAINED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE
VILLAGE OF SOUTH JACKSONVILLE, ILLINOIS, THAT:

SECTION 1. Definition of Plumbing.

The word or term, plumbing, as used in this ordinance, means
and shall include:

All piping, fixtures, and appurtenances and appliances for a
supply of water for all personal or domestic purposes in and about buildings
where a person or persons live, work or assemble. Plumbing as used herein
shall also include piping, fixtures and appurtenances, for a sanitary
drainage and related ventilation system within said buildings, and all
piping fixtures and appurtenances used to connect the said buildings with
the source of water supply on the premises, alley or at the curb.

All piping, fixtures, appurtenances and appliances, drains and
waste pipes carrying domestic sewage from the foundation walls of a building,
to the sewer service lateral, located in the street, at the curb, or in the
alley. Plumbing shall also include the installation, repair, maintenance and
work upon and connection with such piping, fixtures, and appliances, drains
and waste pipes, except minor repairs by a person upon his own premises.

SECTION 2. Who May Engage in Plumbing.

No firm, association, or partnership, shall engage in the business
of plumbing, within the Village of South Jacksonville, or represent themselves
as plumbing contractors, in the business of plumbing or in any of its branches,
unless at least one active member or partner thereof, continually engages in
the conduct, supervision, or performance of the firm, association or partnership,
and unless said member of the firm, or partner, shall be a licensed Master
Plumber, as provided in the State law.

SECTION 3. Plumbing Inspector.

1. The office of Plumbing Inspector shall be in charge of and
supervised by a competent inspector. Said inspector shall be appointed by

the President, with the approval of the Board of Trustees, and he shall hold his office until his successor has been appointed for the said office.

2. The Plumbing Inspector shall not engage in the occupation of plumbing, house drainage and plumbing ventilation, or be interested directly or indirectly in any firm, corporation or partnership engaged in the business of plumbing, drainage or plumbing ventilation, during his term of office.

SECTION 4. Duties of Plumbing Inspector.

1. It shall be the duty of the Plumbing Inspector to inspect the plumbing, house drainage, and plumbing ventilation of buildings, of all descriptions within the Village of South Jacksonville, and see that all plumbing, house drainage and plumbing ventilating is installed and maintained according to the provisions of this ordinance. It shall be his duty to inspect all plumbing or drainage ventilation within any building within twenty-four hours after he has received notice that the system is ready for inspection. He shall inspect the installation in all buildings, during their course of construction, remodeling or altering, as often as is necessary for the proper discharge of his duties.

2. The Plumbing Inspector shall as far as may be necessary in the discharge of his duties, have a right to enter at a reasonable hour in the daytime any building or premises in the Village.

3. The Plumbing Inspector shall keep a record of all sewer and water service connections which he has inspected. He shall also keep a description of connections with measurements and these descriptions and measurements shall be available to all Village Departments and to the Public.

4. The Plumbing Inspector shall keep a copy or record of all plans which he has approved and all material and information, relative to his office, shall be turned over to his successor, when duly appointed.

5. The fees hereinafter provided shall be collected by and retained by the Plumbing Inspector as his salary for the performance of the duties herein specified.

6. The Plumbing Inspector shall at the end of each six months' period prepare and present to the Village Board a report on the work of his office during such period.

SECTION 5. Faulty Plumbing.

1. Whenever the Plumbing Inspector shall have reasonable cause to believe that the plumbing in any building constitutes a nuisance or is in violation of any ordinance, he shall forthwith examine such plumbing. He shall report his findings to the President and the Board of Trustees of said Village, and suggest such changes as are necessary to correct the plumbing in said building. The President and Board of Trustees or such person as they may designate shall notify the owner of such building, or his agent, of the required changes, and set a reasonable time limit during which the necessary changes or remodeling of the plumbing system shall be made. The refusal or neglect of the property owner or agent to comply with the order of the Village Board shall constitute a violation of this ordinance, punishable by a fine of not less than Ten Dollars (\$10.00) or more than One Hundred Dollars (\$100.00) for each and every offense, and each day that said owner or agent shall persist in such refusal or neglect shall be deemed a separate offense.

SECTION 6. Permits.

1. It shall be unlawful for any person, firm or corporation to install or remodel any plumbing, drainage or plumbing ventilation system without first securing from the Plumbing Inspector a permit to do such work. Every violation of this provision shall be punishable by a fine of not less than Ten Dollars (\$10.00) or more than One Hundred Dollars (\$100.00).

2. Every person, firm or corporation, before proceeding to lay sewer pipe to any building or premises in the Village of South Jacksonville, shall first secure a permit from the Plumbing Inspector for each and every opening desired, and all connections to the sewer shall be made under the direct supervision of the said Plumbing Inspector, and no work shall be covered up until examined and approved by him.

3. Before the construction of any portion of the plumbing or drainage system in any building or premises within the Village of South Jacksonville is started, the owner or his agent shall present to the Plumbing Inspector a suitable plan or description of the work proposed to be done. Such plan and description of the work, on being examined by the Plumbing Inspector, shall be either approved, or rejected and so marked,

and returned to the owner or the owner's agent. No portion of the work shown and described in the said plan or description shall be installed until the said plan or description of the work has the approval of the Plumbing Inspector.

SECTION 7. FEES-INSPECTIONS.

1. The Plumbing Inspector shall collect the following fees for all permits issued for the installation, remodeling or altering or plumbing drainage and plumbing ventilation in the Village of South Jacksonville, Illinois.

For each water service	\$ 1.00
For each plumbing fixture	\$ 1.00
For each floor drain	\$ 1.00
For each sewer	\$ 2.00

Provided, however, that should trips, other than the two trips necessary for the purpose of making the test as required under this ordinance, be made by the Plumbing Inspector on account of defective material or defective work performed on said job, then the person obtaining said permit shall pay to the said Plumbing Inspector the sum of One Dollar (\$1.00) for each trip so made by him.

2. In cases where any change or changes are made in soil, waste or ventilating pipes in any building and no change or changes are made in the number or location of fixtures, then a single permit shall be obtained from the Plumbing Inspector and the same shall cost the sum of One Dollar (\$1.00).

SECTION 8. Water Service.

1. The water service pipe from the corporation cock in the main to a point one (1) foot back of the back face of the curb shall consist of copper pipe, type K, not less than 3/4 of an inch in diameter. Service pipes larger than two (2) inch, for which a tee is inserted in the main, may be of cast iron of Class "B" or stronger.

2. On unpaved streets the water service shall be as described above, except that it shall extend to within one (1) foot of the sidewalk line.

3. Water Stop Cocks and Stop Boxes shall be installed at a point one (1) foot back of the curb lines on paved streets and on unpaved streets shall be installed one (1) foot from the sidewalk line on the street side.

4. Water service pipe from stop cock to inside of building shall be copper pipe, type K, not less than 3/4 of an inch in diameter, except those larger than two (2) inches which shall be of cast iron of Class "B" or stronger.
5. Water meters shall be placed on all water services with outside readers and located so that they will be accessible at all times for reading and placed as near the incoming supply as possible and shall be sealed by the Water Superintendent. No meter or said seal shall be removed without permission from the Water Superintendent.
6. On all water services between the stop boxes and the water meter the joints necessary to be made in the copper services shall either be sweated or welded joints. No by-passes or tees shall be installed in either the copper or cast iron services between the stop box and the water meter.
7. No person shall turn on, or cause to be turned on, the water at any service without first securing the permission of the Water Superintendent.
8. No more than one house shall be supplied from a single service without providing stop boxes and stop cocks on each lateral run from such service.
9. All water service shall be placed at a minimum depth of four (4) feet below the ground surface.
10. Any water service installed into a house having an existing sewer of vitrified clay pipe shall be installed a minimum distance of 10 feet, if possible, from the existing sewer.
11. All residents outside of corporate limits using such water service shall conform to all provisions of this ordinance.
12. The Curb Cock shall be inverted key round way "Minneapolis" patterns service boxes.
13. Plastic pipe shall not be used in any HOT WATER SYSTEM. Rigid copper, flexible copper or galvanized pipe may be used in any hot water system.

SECTION 9. Sewer Service.

1. The Sewer Service from the main sewer in the street or from the curb line shall be of cast iron soil pipe, of not less than four inches (4") in diameter. The joints on the cast iron soil pipe to be securely caulked with lead and oakum and made water tight.

2. Water and sewer services may be placed in the same excavated trench, providing the sewer service is of cast iron pipe, tightly corked with lead and oakum, and the water service is of copper or cast iron, and further provided that an additional ledge of not less than one (1) foot wide be constructed on one side of the excavated sewer trench for the purpose of providing a firm foundation for the water service. Sewers other than cast iron shall be constructed in a separate trench which shall in no case be closer than five (5) feet to any water service.

3. No steam, exhaust, blowoff or drip pipe shall be connected with the sanitary sewer, storm sewer, house drain, soil or waste pipe; such pipes shall be discharged into a tank or condenser from which a suitable outlet into the sewer shall be provided.

4. No connection from any cesspool or privy vault shall be made with any storm sewer or unused or disconnected sewer in the Village streets.

SECTION 10. Soil and Waste Lines.

1. All soil and waste lines underground inside of buildings shall be cast iron, with joints made of lead and oakum and caulked tight; pipe known as standard weight may be used for buildings of less than four stories in height, and extra heavy shall be used for buildings of four stories or more.

2. Soil, waste and vent pipes inside of buildings and above the ground may be cast iron, galvanized steel or plastic. Plastic pipe must be of Schedule 40-IPS-DWV-D-1F Commercial Standard-272-65 and ASTM-D-265 with Flame Spread rating of 10 as tested to ASTM E 821. Where screwed pipe is used for soil and waste lines, the fittings used shall be regular cast iron recessed drainage fittings, while fittings on the vent lines may be either cast iron drainage or regular galvanized malleable fittings.

3. All changes in direction of soil and waste lines shall be made with curved fittings, and branch connections shall be made with Y's and eighth or sixteenth bends. Sanitary tees and crosses will be allowed only on vertical stacks.

4. All soil, waste and vent lines shall extend at least one foot above the roof or be connected to the main vent stack above the highest fixture. Vent and waste stacks shall be increased in size below the roof so that in no case will the pipe extending through the roof be smaller than four inches in diameter, with lead roof flashing made water tight, three inches in diameter for plastic, with roof flashing of plastic made water tight. No vent shall terminate near a window.

5. All openings left in soil and waste lines for future fixture connections shall be vented the same as if for immediate use.

6. There shall be a clean out at the base of all stacks and at all points where the direction of soil or waste is changed, and in horizontal runs at points not more than sixty feet apart.

SECTION 11. Cross Connections, Traps, Drains and Overflows.

1. All water piping distributing domestic water supply shall be entirely independent of any piping system conveying another water supply.

2. All water storage tanks shall be properly covered to prevent entrance to any contaminating material and no soil or waste pipe shall pass directly over such water tanks without waterproof protection.

3. No plumbing fixture or device shall be installed which will provide a cross connection under any condition between the water distribution system and the drainage system soil or waste pipe or which would allow backflow or back siphonage of sewage or waste material into the water supply system.

4. All fixtures where potable water can be obtained shall have over-rim supplies and all fixtures having under-rim supplies shall be supplied from a subsource which cannot flow back into the potable water supply.

5. Every water closet, urinal, sink, basin, wash tray, bath tub, and all other fixtures that require a waste connection to the sewer shall be separately trapped and vented above the highest fixture. Traps shall be placed as near to the fixtures as possible and in no case more than two feet from fixture outlet. Vents shall be placed as close to traps as possible, but in no case at a greater distance than eighteen (18) inches.

6. Refrigerator drains shall not be connected directly to the sewer, but shall be trapped and drained into an open fixture, which shall be trapped and connected to the sewer.

7. The overflow pipe from a cistern shall in no case be connected to the sewer.

8. The overflow pipe from fixture shall in all cases be connected to the fixture side of the trap.

9. Floor drains shall be of a deep seal pattern with no less than a two and one-half inch seal.

10. Waste from a lavatory shall in no case be less than 1 1/4 inch. Waste from tubs, sink and shower, shall in no case be less than 1 1/2 inch. Waste from toilet shall be 4 inch, except plastic which shall be 3 inch fitted with reducing closet ring flange 4x3 to receive the fixture horn.

11. No residence or building located within 150 feet of any sewer shall install any private system for sewer disposal.

12. Where a wash rack is installed for the purpose of washing automobiles, it shall be installed with a bucket type trap of sufficient size.

SECTION 12. Clean-outs and Vents.

1. Traps must be prevented from siphonage by the installation of a system of ventilating piping. The size of these vents shall be at least two inches from toilets and one and one-half inches from other fixtures, except that lavatories may be 1 1/4 inches. All cleanouts shall be of same size as the piping in which they are installed.

2. Drum traps may be installed as wet vents on a continuous lavatory waste and vent, as approved and directed by the Plumbing Inspector.
3. Where a water closet is installed or provision made for one, the main soil stack shall in no case be less than four inches except plastic or brass which may be three inches in diameter, and the closet bend shall be no more than six feet from the stack without being reverted. In no case shall a sewer be extended into a building without a stack at least four inches except plastic or brass which may be three inches in diameter extended through the roof.
4. All bathrooms shall be provided with an outside window when possible; otherwise a fresh air vent must be provided.

SECTION 13. Test.

1. When the piping for a system of plumbing is complete, the entire system shall be filled with water and proven tight, in the presence of the Plumbing Inspector. Any pipes or fittings found defective must be removed. When the fixtures have been set, the Plumbing Inspector shall make another inspection and if the system is found complete, he shall provide the owner or his agent with a certificate of inspection, signed by the said inspector and certifying that the system has been properly installed and tested, as required by the provisions of this ordinance.
2. In the inspection and certifying of installations, it is

within the power of the Plumbing Inspector to allow minor changes, when he has satisfied himself it is impossible to make a complete standard installation.

SECTION 14. Violation of State Law.

All persons, firms and corporations shall comply with the provisions of an Act of the General Assembly of Illinois entitled "An Act in relation to the regulation of plumbing and licensing of Master Plumbers, Journeymen Plumbers and registration of Plumber Apprentices, and for the protection of public health, and repeal of a certain Act therein named", filed June 17, 1935, and any amendments which may from time to time be made thereto, and any violation of said act or amendment or amendments shall constitute a violation of this ordinance.

SECTION 15. Partial Invalidation.

The invalidity of any part or portion of this ordinance shall not affect the validity of the remainder hereof, and the same shall continue in full force and effect.

SECTION 16. Penalties.

Any person, firm or corporation violating any provision of this ordinance shall upon conviction be fined not less than Twenty-five Dollars (\$25.00), or more than Two Hundred Dollars (\$200.00). Each day such violation shall continue or be allowed to continue shall constitute a separate violation.

SECTION 17. Repeal.

All ordinances, or portions of ordinances, in conflict with the provisions hereof are to the extent of such conflict hereby repealed and Ordinance No. 161 adopted and approved the 1st day of May, 1946 is hereby repealed.

SECTION 18.


This Ordinance shall be in full force and effect from and after its passage, approval and publication as provided by law.

PASSED by the President and Board of Trustees of the Village of South Jacksonville, Illinois this 21 day of October, 1971.

APPROVED this 21 day of October, 1971.


President

ATTEST:


Village Clerk

(SEAL)