

City of
Conway
A-26495

ORDINANCE NO. 0-02-177

AN ORDINANCE AMENDING ORDINANCE 0-89-14 TO ALLOW FOR THE USE OF PVC PIPE IN THE PUBLIC SEWER SYSTEM; MAKING OTHER TECHNICAL CORRECTIONS AND DECLARING AN EMERGENCY

WHEREAS, Conway Corporation has tested the use of PVC pipe and wishes to allow it as an option for construction in the public sewer system in the City of Conway; and

WHEREAS, Ordinance **0-89-14** restricts the use of PVC to four inch service lines,

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF CONWAY, ARKANSAS:

Section One. Article I of Ordinance **0-89-14** is hereby amended to insert Section **12.1** to read as follows: "Sanitation Officer" shall mean a health officer appointed by Arkansas Department of Health. The terms Health Officer and Sanitation Officer shall have the same meaning in this Ordinance.

Section Two. Section 11 of Article I in Ordinance **0-89-14** is hereby amended to insert the word "(main)" after the words "Public Sewer".

Section Three. Section 10 of Article IV of Ordinance **0-89-14** is specifically repealed and replaced by the following language:

Section 10. (a) Building Service lines four or six inches in diameter shall be constructed of the following materials.

- 1) Cast Iron Soil Pipe as specified by the Conway Corporation List of Approved Pipe.
- 2) Extra Strength Vitrified Clay Pipe as specified by the Conway Corporation List of Approved Pipe.
- 3) Ductile Iron Pipe as specified by the Conway Corporation List of Approved Pipe.
- 4) Polyvinyl Chloride (PVC) Gravity Sewer Pipe as specified by the Conway Corporation List of Approved Pipe.
- 5) Other Pipe that may be approved by Conway corporation

(b) Building service lines larger than six inches in diameter shall be constructed of the following materials:

- 1) Extra Strength Vitrified Clay Pipe as approved by the Conway Corporation List of Approved Pipe.
- 2) Ductile Iron Pipe as approved by the Conway Corporation List of Approved Pipe.
- 3) Polyvinyl Chloride (PVC) Gravity Sewer Pipe as specified by the Conway Corporation List of Approved Pipe.
- 4) Other Pipe that may be approved by Conway Corporation

Section Four. Section 11 of Article IV of Ordinance **0-89-14** is hereby repealed and replaced with the following language:

SECTION 11. The building sewer trench shall be graded so that the entire length of the pipe joint rests upon firm trench bottom. The pipe manufacturer's recommendations shall be adhered to concerning handling, laying, bedding and backfilling. The pipe shall be of sufficient depth to prevent freezing and to protect it from live earth loads. Ductile Iron Pipe may be required if, in the discretion of the

Sewer Department Superintendent, it is needed. If the trench is wet or muddy, the pipe shall be bedded in ballast gravel that is one half inch to one and one quarter inch in size with the gravel being brought up to the center line of the pipe.

Backfill material shall be free from large rocks, boulders, lumber, trash or other materials, which may damage the pipe. Ballast gravel shall be used to protect the pipe where damage may occur to the pipe from natural backfill. Where a pipe trench is to be backfilled in a public right of way, or under any area to be paved, gravel shall be placed in compacted layers to prevent settlement. Backfill in public rights of way shall be placed in accordance with City ordinance, as administered by the City Street Department. All excavations for building sewer installation shall be adequately guarded with barricades and warning lights so as to protect the public from hazard. Streets, sidewalks, and other public property disturbed, in the course of the work, shall be restored in a manner satisfactory to the City. All fittings and appurtenances shall be free of defects, water tight and compatible with the pipe to which it is being attached.

Sewer bends, when necessary to be used, shall be installed according to the Arkansas State Plumbing Code.

Cleanouts shall be installed in the building sewer at the building foundation. Cleanouts shall be installed, so that the building sewer may be rodded in either direction. In addition, on lines longer than eighty (80) feet, cleanouts shall be installed at eighty (80) foot spacing. Cleanouts shall be installed adjacent to any bend that is greater than 45 degrees. Cleanouts should be piped up to the finished grade for easy access. The connection of 6 inch and larger commercial and industrial building sewers to the City's sewer main shall be made in a manhole.

Backwater traps (sewage check valve) shall be provided as required by Section 6.14 of the Arkansas State Plumbing Code or on any building sewer where, in the discretion of the Sewer Department Superintendent, the building connected may be subject to flooding by the sewer. Backwater traps shall be placed in a meter box or similarly housed to allow periodic servicing.

Section Five. Section 12 of Article IV of O-89-14 is hereby repealed and replaced with the following language:

SECTION 12. All repairs or replacement of building sewers, regardless of length, shall be subject to the same inspection and material requirements as new installations. Where the repair or replacement of the building sewer requires a new point of connection to the City sewer main, the abandoned building sewer shall be sealed to prevent entrance of surface water or debris into the City sewer main, and the seal shall be inspected and approved by the City Sewer Department. A double cleanout shall be installed in building sewer lines, where holes are required for rodding the line. The repaired building sewer shall be inspected and approved by the Sewer Department Superintendent.

Section Six. Sections 2 through 6 of Article V are hereby repealed and replaced with the following language:

SECTION 2. Public sewer mains and building sewers larger than 4 inch which are to become a part of the Conway Sewer System or which are to be connected therewith, directly or indirectly, shall have manholes at intervals of not to exceed 400 feet unless otherwise specifically approved by the Sewer Department. Manholes shall also be placed in the line at each change of gradient, change in direction of flow or change in size of pipe. Manholes shall be of standard design not less than 4

feet in diameter at the bottom and a 24 inch ring and cover of standard design and material unless approved by the Sewer Department.

SECTION 3. The pipe used in public sewer mains shall be:

- (a) Extra Strength Vitrified Clay Pipe as specified by the Conway Corporation List of Approved Pipe.
- (b) Ductile Iron Sewer Pipe as specified by the Conway Corporation List of Approved Pipe.
- (c) Polyvinyl Chloride (PVC) Gravity Sewer Pipe as specified by the Conway Corporation List of Approved Pipe.
- (d) Other Pipe that may be approved by Conway Corporation.

SECTION 4. A standard test for infiltration or exfiltration shall be required on all public sewer mains, building sewers and all sewer manholes and any found to allow an excessive amount of infiltration or exfiltration may, at the discretion of the Sewer Department, or its duly authorized representative, be required to be uncovered and repaired, or replaced. No public sewer mains or building sewers shall be covered without the approval of the Conway Sewer Department or its duly authorized representative, and any such sewer line covered without such approval may be uncovered at the expense of the person, firm or corporation covering same.

SECTION 5. No public sewer main or building sewer shall be laid at a depth less than one foot below the surface of the ground unless local conditions require that it be laid at a lesser depth. In all instances in which it is necessary because of local conditions that sewer pipe be laid at a depth less than one foot below the surface of the ground ductile iron pipe only shall be used, except that in those instances wherein the sewer line is laid upon private property, and not under a driveway, other approved types of pipe may be used when the line is laid at no less depth than six inches below the ground surface. Measurements of depth as set forth in this section shall be made from the top of the pipe as laid.

SECTION 6. Sewer mains and building sewers entering manholes must be slightly above the grade of the main sewer in order that these laterals may flow freely.

Section Seven. It is ascertained and declared that the implementation of this Ordinance is of immediate concern to the inhabitants of the City; that by reason thereof an emergency exists and this Ordinance, being necessary for the immediate preservation of public welfare, shall take effect and be in full force from and after its passage and publication.

PASSED THIS 26th DAY OF November 2002

APPROVED:


MAYOR TAB TOWNSELL

ATTEST:


MICHAEL O. GARRETT, CITY CLERK