

ORDINANCE NO. C-94-73

AN ORDINANCE TO REPEAL SECTIONS 152.02.3 (3) and 152.03.4; TO ENACT NEW SECTIONS 152.02.3(3) and 152.03.4 AND TO AMEND SECTION 152.03.5(3) OF THE 1966 GROVE CITY CODE OF ORDINANCES.

WHEREAS, certain requirements of the Ohio Environmental Protection Agency have been changed, and

WHEREAS, said changes require changes to Chapter 152 of the 1966 Grove City Code of Ordinances.

NOW, THEREFORE, BE IT ORDAINED BY THE COUNCIL OF THE CITY OF GROVE CITY, STATE OF OHIO, THAT

SECTION 1. Section 152.02.3 (3) entitled Sanitary Sewer System of the 1966 Grove City Code of Ordinances is hereby repealed and new section 152.02.3(3) is enacted to read as follows:

Sanitary Sewer System: In addition to the materials permitted in 901.02, the following pipe materials shall be permitted.

<u>Material</u>	<u>Material & Joint Specifications</u>
Polyvinyl Chloride (PVC)	ASTM*D-3033 (SDR42) Pipe Stiffness - 28 p.s.i.
Polyvinyl Chloride (PVC)	ASTM*D-3034 (SDR42) Pipe Stiffness - 26 p.s.i.
Acrylonitrile Buladiene	ASTM* 2680
Styrene (ABS Composite)	Pipe Stiffness - 200 p.s.i.
Ductile Iron	ANSI*A21.51 and AWWA*C-151

- * ASTM - American Society for Testing and Materials
ANSI - American National Standards Institute
AWWA- American Water Works Association

Concrete pipe shall not be permitted for sanitary sewer 12 inches in diameter or smaller.

CCS Section 901.10 is deleted. See Section 152.03.4 of the Grove City Code for test requirements.

SECTION 2. Section 152.03.4 entitled TEST of the 1966 Grove City Code of Ordinances is hereby repealed and new section 152.03.4 is enacted to read as follows:

4. Leakage tests are required for all sanitary sewers except building sewers unless a leakage test on a building sewer is requested by the sewer inspector. Deflection tests are required for all sewers using PVC pipe.
 - (1) The sewer shall be tested in sections, each section extending between two consecutive manholes or from the end of the sewer to the nearest manhole. The contractor may elect to use either an infiltration test or an exfiltration test as described herein.

- (2) If the infiltration test is selected, each section of pipe shall be covered with not less than 2 feet of ground water above the top of the pipe at the highest point in the section being tested. The infiltration will be measured by means of a V-notch weir located in the downstream manhole. All service connections and stubs shall be capped or plugged to prevent the entrance of ground water into the line at these connections.
- (3) If the exfiltration test is selected, the inlet end of the upstream and downstream manholes shall be closed with watertight bulkheads. Then the sewer and the upstream manhole shall be filled with water until the elevation of water in the upstream manhole is two feet higher than the top of the pipe in the line being tested, or two feet above the existing ground water in the trench, whichever is the higher elevation. The exfiltration will be measured by determining the amount of water required to maintain the initial water elevation for one hour from the start of the test.
- (4) The amount of infiltration or exfiltration as applicable, shall not exceed a rate of 200 gallons per inch of pipe diameter per 24 hours per mile of sewer in each and every section tested in accordance with 152.03.4 of the Grove City Code.
- (5) The deflection test shall be made by pulling a rigid ball or mandril with a diameter equal to ninety-five percent (95%) of the inside diameter of the pipe through the sewer. This test shall be made after the backfilling of the sewer line section being tested is completed.

SECTION 3. Section 152.03.5 (3) which reads:

- (3) The building sewer shall be constructed of a size not less than six inches internal diameter, laid with a minimum fall of one-fourth inch per linear foot, and shall be of vitrified clay pipe, or cast iron pipe with watertight joints, and using proper curves for all changes in alignment or grade. The interior of each length of pipe shall be made perfectly clean and free from off-sets, fins, and projections before the next length is connected thereto. The sewer inspector may, by special permission in each case, authorize the building sewer to be constructed with a fall as little as one-eighth inch per linear foot if he determines such procedure to be desirable. The sewer inspector may require that the water tightness of the joints be demonstrated by the testing procedures established in Section 152.03.4 of the Grove City Code.

IS HEREBY AMENDED TO READ:

- (3) The building sewer shall be constructed of a size not less than six inches internal diameter, laid with a minimum fall of one-fourth inch per linear foot, and shall be vitrified clay pipe, ABS Composite, PVC, or ductile iron pipe with watertight joints, as specified in Section 152.02.3 (3) of the Grove City Code, and using proper curves for all changes in alignment or grade. Only adapters approved by the Engineer shall be used to change from one pipe material to another in any sewer line. The interior of each length of pipe shall be made perfectly clean and free from offsets, fins, and projections before the next length is connected thereto. The sewer inspector may, by special permission in each case, authorize the building sewer to be constructed with a fall as little as one-eighth inch per linear foot if he determines such procedure to be desirable. The sewer inspector may require that the water

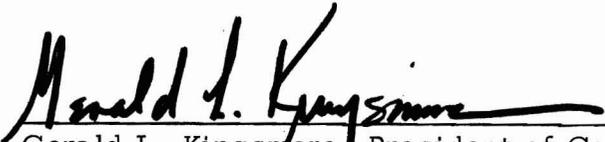
tightness of the joints be demonstrated by the testing procedures established in Section 152.03.4 of the Grove City Code.

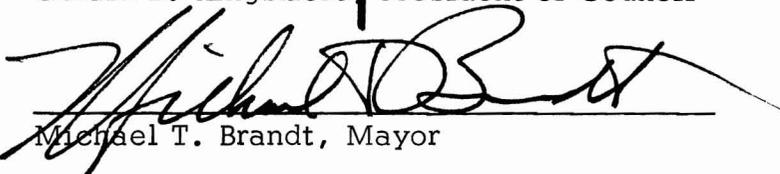
SECTION 4. This ordinance shall take effect at the earliest opportunity allowed by law.

Submitted: 12/3/73

Passed: 12/17/73

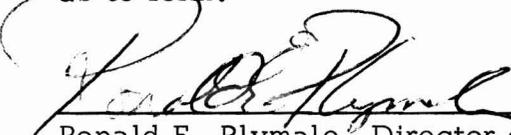
Effective: 1/17/74


Gerald L. Kingsmore, President of Council


Michael T. Brandt, Mayor


June A. Cook, Clerk of Council

I Certify that this ordinance is correct as to form.


Ronald E. Plymale, Director of Law