

An Ordinance to adopt a nationally recognized model plumbing code within the Township pursuant to Act No. 230 of the Public Acts of 1972, as amended, (MCLA 125.1501 et seq; MSA 5.2949[1] et seq); to exempt the Township from the operation and effect of said Act; to provide for the administration and enforcement of this Ordinance and the Plumbing Code by the Township through agreement or otherwise; to provide penalties for violations thereof; and to repeal existing Township Plumbing Codes and Plumbing Code Ordinances or other ordinances in conflict therewith.

THE TOWNSHIPS OF ALAMO, BRADY, CHARLESTON,
COMSTOCK, COOPER, KALAMAZOO, OSHTOMO,
PAVILION, PRAIRIE RONDE, RICHLAND, ROSS,
SCHOOLCRAFT, TEXAS AND WAKESHMA

KALAMAZOO COUNTY, MICHIGAN

ORDAIN:

Section I

This Ordinance shall be known and cited as the
Township Plumbing Code Ordinance.

Section II

This Ordinance is enacted by the Township for the purpose of continuing the exemption of the Township from the operation and effect of Act No. 230 of the Public Acts of the State of Michigan of 1972, as amended (MCLA 125.1501 et seq; MSA 5.2949[1] et seq), pursuant to Section 8 of said Act, by the adoption in this Ordinance of a nationally recognized model plumbing code, which code shall be administered and enforced by the Township as provided for in this Ordinance and in said Plumbing Code. The State Construction Code Commission and/or any agency of the County of *Recorded* charged with the responsibility of enforcing said Act is hereby relieved of any right, authority or responsibility for the enforcement of any State Construction Code or State Plumbing Code within the Township.

Section III

A certain document or booklet, official copies of which are on file in the office of the Township Clerk and which may be examined by the general public during regular business hours or by appointment, which is marked and entitled as "BOCA Basic Plumbing Code, 1970 Edition", including accumulative supplement dated 1973, as published by the Building Officials and Code Administrators, International, Incorporated, of Chicago, Illinois, is hereby adopted by reference as if fully set forth herein as a part of this Ordinance for the purpose of regulating the installation, enlargement, alteration, repair, or maintenance of plumbing fixtures, plumbing facilities, plumbing appliances and plumbing devices within the Township; each and all of the

regulations, provisions, penalties, conditions and terms thereof, except as may hereafter be modified, shall be deemed adopted and made a part hereof by this reference as if fully set forth in this Ordinance.

Section IV

The Township hereby assumes the right and authority to administer and enforce this Ordinance and the BOCA Basic Plumbing Code in the manner provided by law and by the said Plumbing Code. The Township specifically reserves the right to provide by agreement or contract with any other township, village, city, county or with the State of Michigan for the joint enforcement and administration of this Ordinance and the Uniform Plumbing Code.

Section V

Any violation of this Ordinance or the Plumbing Code or any part thereof shall be punishable by a fine not to exceed ONE HUNDRED (\$100.00) DOLLARS plus costs and/or confinement in the county jail for a term not to exceed ninety (90) days. In addition, the Township specifically reserves the right and shall have the authority to proceed in any Court of competent jurisdiction for the purpose of obtaining an injunction, restraining order or other appropriate remedy to compel compliance with this Ordinance and the said Plumbing Code.

Section VI


Should any portion of this Ordinance or the Uniform Plumbing Code adopted hereby be declared unconstitutional, illegal or of no force and effect by a Court of competent jurisdiction, such portion thereof shall not be deemed to affect the validity of any other part or portion thereof.

Section VII

All ordinances or parts of ordinances in conflict herewith, including any plumbing codes or parts of plumbing code ordinances previously adopted by the Township are hereby repealed and shall be of no further force or effect on the effective date of this Ordinance. However, any plumbing permits validly issued before the effective date of this Ordinance shall not be invalidated by this Ordinance and the construction may be completed in compliance with said permit, or renewal thereof, and in compliance with any previous township plumbing code under which the permit was issued. Any proceedings pending, including prosecutions for violations, or rights and liabilities acquired or incurred under any previous ordinance or township plumbing code being repealed hereby shall not be affected by this Ordinance and may be continued pursuant to said previous ordinances.

Section VIII

This Ordinance shall take effect July 1, 1975.


Township Clerk

An Ordinance to amend the Township Plumbing Code pursuant to Act No. 230 of the Public Acts of 1972 (MCLA 125.1501 et seq; MSA 5.2949[1] et seq) by the deletion therefrom of certain sections and by the amendment or addition of other sections relating to title, violations, definition of plumbing terms, new buildings, existing buildings, availability of public systems, industrial-commercial chemical waste information, freezing, water service pipes, prohibited fittings, swimming pools, air gap or air break requirements, building traps, recesses for trap connections, base of stacks, building drain and building sewer junction, underground drainage, plastic connections, requirements for stall type urinals with watertight pans, prohibitions for used water returned, pressure relief valves, temperature relief valves, combination pressure-temperature relief valves, definitions, authorized master plumbers, plumbing permits, building sewer and private sewer permits, and certain requirements relating to a home owner; and fees; to provide penalties for violations thereof; and to repeal existing township ordinances in conflict therewith.

THE TOWNSHIPS OF ALAMO, BRADY, CHARLESTON,
COMSTOCK, COOPER, KALAMAZOO, OSHTMO,
PAVILION, PRAIRIE RONDE, RICHLAND, ROSS,
SCHOOLCRAFT, TEXAS AND WAKESHMA

KALAMAZOO COUNTY, MICHIGAN

ORDAIN:

Section I

The Township Plumbing Code, being the "BOCA Basic Plumbing Code, 1970 Edition", including accumulative supplement dated 1973, which was previously adopted by the Township as the Township Plumbing Code is hereby amended, in the following sections, as follows:

A. Sections P-102.0, P-105.0, P-302, P-501.2, P-1101.5, P-1205.2, P-1500.0 through P-1511.4, and P-1700.0 through P-1705.2 are hereby deleted.

B. Section P-100.2 of the code is amended to read as follows:

P-100.2. Title. This part shall be known as the Michigan plumbing code and is hereinafter referred to as the plumbing code or this code.

C. Section P-117.0 of the code is amended to read as follows:

P-117.0. Violations. Written notice of any violation of this code shall be given by the administrative authority to the violator within 7 days thereof, and upon his failure to remove the violation within a reasonable time, prosecution for violation of this code shall be commenced against him.

D. Section P-201.1 of the code is amended to read as follows:

P-201.1 Definition of Terms.
Administrative authority. The individual official, board, department, or agency established and authorized by a state, county, city, or other political subdivision created by law to administer and enforce the provisions of the plumbing code as adopted or amended; except when used in sections P-301.3, P-301.31, P-301.32, P-401.1, P-405.22, P-405.28, P-405.33, P-405.51, P-406.8, P-502.6, P-502.7, P-602.33, P-602.51, P-602.54, P-916.0,

P-1002.31, P-1216.2, P-1605.114; it means the state administrative authority and not a local authority.

(All other definitions within the section remain the same.)

E. Section P-301.1 of the code is amended to read as follows:

P-301.1. New Buildings. All plumbing materials and plumbing systems or parts thereof installed hereafter shall meet the provisions of this code.

F. Section P-301.2 of the code is amended to read as follows:

P-301.2. Existing Buildings. In existing buildings or premises in which plumbing installations are to be altered, renovated or replaced, such new materials and work shall meet the provisions of this code. Where the administrative authority shall find that the full performance of bringing such work into compliance with all requirements of this code would result in exceptional or undue hardship by reason of excessive structural or mechanical difficulty, or impracticability, a deviation may be granted by the administrative authority only where, and to the extent, necessary to relieve such exceptional or undue hardship, and only where, and to the extent, such deviation can be granted without impairing the intent and purpose of this code. A record, open to inspection by the public, shall be maintained by the administrative authority of each and every deviation allowed under the terms of this section.

G. Section P-308.2 of the code is amended to read as follows:

P-308.2. Public Systems Available. A public water supply system and/or public sewer system shall be deemed available to premises used for human occupancy if such premises are within 200 feet, measured along a street, alley, or easement, of the public water supply or sewer system, and a connection conforming with the standards set forth in this code may be made thereto.

H. Section P-309.3 of the code is added as follows:

P-309.3. Industrial-Commercial Chemical Waste Information. When plans of plumbing installations that involve industrial or commercial type wastes are submitted for approval, complete process information shall accompany the plans. The information shall include without limitation the following:

- (a) Description of process yielding the waste.
- (b) Composition and concentration of chemical mixtures in the process.
- (c) Composition of wastes and concentration of constituents.
- (d) Quantities of wastes to be treated and rates of discharge to treatment equipment.
- (e) Capacity of largest process tank or tanks that will be simultaneously discharged.
- (f) Water demands of the industrial waste producing process.
- (g) Description of waste treatment equipment to be used, including capacities, methods of treatment, quality of effluent, nature and disposition of products resulting from treatment.

I. Section P-313.3 of the code is amended to read as follows:

P-313.3. Freezing. Water service piping and sewers shall be installed below recorded frost penetration. In climates with freezing temperatures, plumbing piping in exterior building walls shall be adequately protected against freezing by insulation or heat or both.

J. Section P-405.12 of the code is amended to read as follows:

P-405.12. Water Service Pipe. Water service pipe shall be made of asbestos cement pipe, brass pipe, copper pipe, copper tube, cast iron water pipe, open-hearth iron pipe, plastic pipe or steel pipe. Copper tube when used underground shall have a weight not less than copper water tube type L. All threaded ferrous pipe and fittings shall be galvanized or cement lined. When used underground in corrosive soil or fill, the piping material or protective coating or covering shall be as approved by the State plumbing board.

K. Section P-602.31 of the code is amended to read
as follows:

P-602.31. Prohibited Fittings. No tee branch shall be used as a drainage fitting. No fitting or connection which has an enlargement chamber or recess with a ledge or shoulder, or reduction in pipe area shall be used. No running threads, bands, or saddles, shall be used. No drainage or vent piping shall be drilled, tapped or welded.

L. Section P-701.16 of the code is amended to read
as follows:

P-701.16. Swimming Pools. Pipes carrying waste water from swimming or wading pools, including pool drainage, back wash from filters and water from floor drains which serve walks around pools, may be installed as piping for an indirect waste. Where the recirculation pump is used to discharge waste pool water to the drainage system, the pump discharge line shall be installed to convey an indirect waste to the sewer.

M. Section P-701.2 of the code is amended to read
as follows:

P-701.2. Air Gap or Air Break Required. All indirect waste piping shall discharge into the building drainage system through an air gap or air break, as set forth in Section P-701.1 of this code.

N. Section P-1001.7 of the code is amended to read
as follows:

P-1001.7. Building Traps. The use of building or house traps is optional except where specifically required by the administrative authority. Each building trap, when installed, shall be provided with a cleanout and with a relieving vent or fresh air intake on the inlet side of the trap which need not be larger than 1/2 the diameter of the drain to which it connects. The relieving vent or fresh air intake shall be carried above grade and terminate in a screened outlet located outside the building.

O. Section P-1001.9 of the code is added as follows:

P-1001.9. Recesses for Trap Connection. A recess provided for connection of the underground trap such as one serving a bath tub in slab-type construction shall have sides and bottom of corrosion resistant, insect and vermin proof construction.

P. Section P-1101.3 of the code is amended to read as follows:

P-1101.3. Base of Stacks. An accessible cleanout shall be provided at or near the foot of each vertical waste or soil stack.

Q. Section P-1101.4 of the code is amended to read as follows:

P-1101.4. Building Drain and Building Sewer Junction. There shall be a cleanout near the junction of the building drain and the building sewer. This cleanout may be either inside or outside the building wall. If outside, the cleanout shall not be installed in public property nor more than 5 feet from the outside face of the wall or other permanent obstruction or foundation. If inside, the cleanout opening shall be not more than 24 inches from the inside face of the wall, except that buildings with unusually wide footings shall have the cleanout installed as close to the finished wall as possible, without encasement of the cleanout extension in the foundation.

R. Section P-1102.0 of the code is amended to read as follows:

P-1102.0. Underground Drainage. Cleanouts, when installed on an underground drain, shall be extended vertically to or above the finished grade level.

S. Section P-1204.55 of the code is amended to read as follows:

P-1204.55. Plastic Connections. Plastic water closet bends may be used when provided with a suitable 4 inch by 3 inch flange used to receive the fixture horn.

T. Section P-1205.41 of the code is added to
read as follows:

P-1205.41. Urinals, Stall Type, Watertight Pans Required. Urinals of stall type shall be constructed so as to have a watertight pan of lead or other approved materials by the state plumbing board installed beneath them. The drain for the urinal shall be made with a drainable clamping ring assembly to the watertight pan.

U. Section P-1605.10 of the code is amended to
read as follows:

P-1605.10. Used Water Return Prohibited. Water used for cooling of equipment or other processes shall not be returned to the potable water system. The water shall be discharged into a drainage system through an air gap or may be used for nonpotable purposes.

V. Section P-1606.21 of the code is amended to
read as follows:

P-1606.21. Pressure Relief Valves. The valves shall have a relief rating adequate to meet the pressure conditions in the equipment served. They shall be installed in the cold water supply line to the heating equipment served except where scale formation from hard water may be encountered in which case they may be installed in the hot water supply line from the heating equipment served. There shall be no shutoff valve between the pressure relief valve and the tank. The pressure relief valve shall be set to open at not less than 25 p.s.i. above the street main pressure or not less than 25 p.s.i. above the setting of any house water pressure regulating valve. The setting shall not exceed the tank working pressure. The minimum size of both the inlet and discharge connections shall be 3/4 inch pipe size except that relief valves protecting water heating systems with input of not more than 15,000 BTU per hour may have inlet and discharge connections of 1/2 inch pipe size.

W. Section P-1606.22 of the code is amended to read
as follows:

P-1606.22. Temperature Relief Valves. Temperature relief valves shall be of adequate relief rating,

expressed in BTU/HR, for the equipment served. They shall be installed so that the temperature sensing element is immersed in the hottest water within the top 6 inches of the tank. The valve shall be set to open when the stored water temperature is 210° F. or less. The minimum size of both the inlet and discharge connections shall be 3/4 inch pipe size except that relief valves protecting water heating systems with input of not more than 15,000 B.T.U. per hour may have inlet and discharge connections of 1/2 inch pipe size.

X. Section P-1606.23 of the code is amended to read as follows:

P-1606.23. Combination Pressure-Temperature Relief Valves. Combination pressure-temperature relief valves shall comply with the applicable requirements for individual pressure and individual temperature relief valves and shall be installed so that the temperature sensing element is immersed in the hottest water within the top 6 inches of the tank. The minimum size of both the inlet and discharge connections shall be 3/4 inch pipe size except that relief valves protecting water heating systems with input of not more than 15,000 B.T.U. per hour may have inlet and discharge connections of 1/2 inch pipe size.

Section II

As used in this Ordinance and in the Plumbing Code, the following terms have the following meanings:

(a) "Authorized master plumber" means a person who has met the qualifications to obtain plumbing permits from an administrative authority.

(b) "Building sewer permit" means a permit issued by an administrative authority for a building sewer.

(c) "Plumbing permit" means a permit issued by an administrative authority for a plumbing and plumbing system.

(d) "Private sewer permit" means a permit issued by an administrative authority for a private sewer.

Section III

Notwithstanding anything to the contrary in the township plumbing code, the following subsections are additions to said code and are paramount in their application.

A. AUTHORIZED MASTER PLUMBERS

1. To obtain plumbing permits, an applicant shall:

- (a) Be an authorized licensed master plumber in this state.
- (b) Be active in the business of serving the public as a master plumber in a county, city, village or township in this state.
- (c) Represent only one firm, which may operate one or more branches in this state bearing the same firm name, when a licensed master plumber is in charge and has the responsibility of supervision at each branch. A firm may have one or more authorized master plumbers to obtain permits. The names of the authorized master plumbers representing a firm shall be on record with the state plumbing board.

2. To become an authorized master plumber, an application shall be made on a form furnished by the state plumbing board and filed with the board at Lansing, Michigan. An incomplete application will be returned to the applicant.

B. PLUMBING PERMITS

1. An applicant for a permit shall be an authorized master plumber.

2. An application for a permit shall be made in writing on a form provided by an administrative authority. An incomplete application shall be returned to the applicant. The application shall contain:

- (a) Name of authorized master plumber.
- (b) Master plumber license number.
- (c) Name of the plumbing firm.
- (d) Address of place of business.
- (e) Name and address of the owner or agent for whom the work is being done.
- (f) Location of work by city or township, county, street and number, or lot and block number when street number is not available.
- (g) Type of building.
- (h) Number and type of fixtures or devices to be installed or nature of construction, alteration or repair.

3. An authorized master plumber is responsible for completion of the plumbing for which he has an active permit. Permits issued to an authorized master plumber representing a plumbing firm are valid for the firm to complete the plumbing upon his death. However, work shall be done under the supervision of a master plumber.

4. If the authorized master plumber who signs an application for a permit does not desire to do the work covered by it, either in part or in its entirety, he shall notify the administrative authority in writing, requesting that he be released from responsibility for that part of the work which he does not desire to do. However, he will be held responsible for the work which he has completed. The administrative authority's record shall indicate the extent of the completed work and the responsibility.

5. When an emergency requires a plumbing permit, the authorized master plumber shall apply for a permit within 72 hours.

6. An administrative authority may refuse to issue new permits to an authorized master plumber who has failed to correct violations or to any authorized master plumber representing a firm which has failed to correct violations.

C. BUILDING SEWER AND PRIVATE SEWER PERMITS

1. An application for a permit shall be made in writing on a form provided by an administrative authority. An incomplete application shall be returned to the applicant. The application shall contain:

- (a) Name of the applicant.
- (b) Name of the applicant's firm.
- (c) Address of place of applicant's firm.
- (d) Name and address of the owner or agent for whom the work is being done.
- (e) Location of work by city or township, county, street and number, or lot and block number when street number is not available.
- (f) Type of building.
- (g) Nature of sewer construction, alteration or repair.

2. A person is responsible for completion of the work for which he has an active permit.

3. If the person who signs an application for a permit does not desire to do the work covered by it, either in part or in its entirety, he shall notify the administrative authority in writing, requesting that he be released from responsibility for that part of the work which he does not desire to do. However, he will be held responsible for the work which he has completed. The administrative authority's record shall indicate the extent of the completed work and the responsibility.

4. When an emergency requires a sewer permit, a person shall apply for a permit within 72 hours.

5. An administrative authority may refuse to issue new permits to a person who has failed to correct violations or to any person representing a firm which has failed to correct violations.

D. HOMEOWNER INSTALLATION

1. A homeowner installing his own plumbing, building sewer or private sewer and having knowledge of the plumbing code rules shall:

- (a) Apply for the appropriate permit.
- (b) Furnish a statement that all work will be performed by himself and by no one else.
- (c) Pay the required fee.
- (d) Apply for inspection by and approval of the administrative authority.

E. FEE SCHEDULE

The fee for plumbing inspections as may be required under the plumbing code shall be established from time to time by resolution of the township board and shall, in no event, exceed the actual cost of the township in providing such services.

Section IV

Any violation of this Ordinance or the Plumbing Code or any part thereof shall be punishable by a fine not to exceed ONE HUNDRED (\$100.00) DOLLARS plus costs and/or confinement in the county jail for a term not to exceed ninety (90) days. In addition, the Township specifically reserves the right and shall have the authority to proceed in any Court of competent jurisdiction for the purpose of obtaining an injunction,


restraining order or other appropriate remedy to compel compliance with this Ordinance and the said Plumbing Code.

Section V

Should any portion of this Ordinance or the Uniform Plumbing Code adopted hereby be declared unconstitutional, illegal or of no force and effect by a Court of competent jurisdiction, such portion thereof shall not be deemed to affect the validity of any other part or portion thereof.

Section VI

All ordinances or parts of ordinances in conflict herewith are hereby repealed on the effective date of this Ordinance. This Ordinance shall take effect August 1, 1975. A certified copy of this Ordinance shall be forthwith served upon the Michigan State Construction Code Commission, but in no event less than sixty (60) days prior to the effective date hereof.


Township Clerk