

ORDINANCE NO. 7071-44

PLUMBING AND DRAINAGE ORDINANCE

WHEREAS, Sections 1-2-4 and 1-3-2 of the Illinois Municipal Code, Section 1002, of Chapter 85, Illinois Revised Statutes, 1969, and Section 5 of the Illinois Plumbing Code law, provide that the Illinois State Plumbing Code, published by the Division of Sanitary Engineering, Department of Public Health, State of Illinois, 1969 Edition, may be adopted by reference, and

WHEREAS, three (3) copies of the Illinois State Plumbing Code have been filed in the office of the City Clerk for use and examination by the public at least thirty (30) days prior to adoption, as provided by said Statute;

NOW, THEREFORE, BE IT ORDAINED BY THE COUNCIL OF THE CITY OF URBANA, ILLINOIS, as follows:

Section 1. Adoption of Illinois State Plumbing Code, 1969.

That the Illinois State Plumbing Code, 1969, promulgated by the Division of Sanitary Engineering, Department of Public Health, State of Illinois, of which not less than three (3) copies have been and are now filed in the office of the City Clerk, be and the same is hereby adopted by reference, subject to the following additions, insertions, deletions, exceptions, and changes:

1. Section 1.2 entitled "Definition of Terms", is amended by inserting following the definition, "Administrative Authority", the words "the Administrative Authority for the City of Urbana is the Plumbing Inspector of the City of Urbana," and by inserting the word "Section", following the full definition, "Second hand", and following it the words "section as used in Illinois State Plumbing Code, 1969, shall mean that portion of a chapter which is headed by bold face type preceded by a number containing only one (1) period and including all material thereunder up to the following section heading or chapter heading."

2. Paragraph 2.21.1 is hereby amended by the insertion of the word "sanitary" after the word "public" and before the word "sewer".

3. Chapter 6 is hereby amended by adding a new section, 6.15, entitled "Sizing Grease Interceptors" immediately following full section 6.14 entitled "Backwater Valves". The wording and format of the new section follow.

"6.15 Sizing Grease Interceptors

6.15.1 Sizing Formula. The sizing formula shall be as follows:

(a) Cubic content of a fixture equals length x width x depth, (in inches) of the internal measurement of the interceptor.

6.15.2 Size. The grease interceptor shall be of sufficient size to carry the calculated flow rate according to the Table appended to the Illinois State Plumbing Code, 1969 as 'Appendix A'.

4. Appendix A is hereby added to Illinois State Plumbing Code, 1969 following Chapter 15 Enforcement. Appendix A shall read as follows:

APPENDIX A - SIZE OF INTERCEPTOR

TYPE OF FIXTURE	SIZE OF FIXTURE Size of tailpiece or combined waste should not exceed size of interceptor inlet.		Drainage Load in Gals. 75% of Cubic Capacity	Drainage period Approx. 1 Min.	
	Single Compt. (inches)	Double Compt. (inches)		Flow Rate G. P. M.	Grease Cap. Lbs.
MISCELLANEOUS SINKS	12 x 18 x 6		4.2	4	8
	16 x 14 x 8		5.8	7	14
	20 x 18 x 8		9.4	10	20
		18 x 16 x 8 Ea. Compt.	15.0	15	30
		20 x 18 x 8 Ea. Compt.	18.7	20	40

Commercial Pot, Pan & Scullery	20 x 30 x 8		15.5	15	30
Sinks; Soup Kettles or other	20 x 24 x 12	18 x 20 x 8 Ea. Compt.	18.7	20	40
Kitchen or Pantry Equipment of these dimensions		20 x 22 x 8 Ea. Compt.	23.0	25	50
or other sizes having same capacities. This also applies to		20 x 22 x 12 Ea. Compt.	34.0	35	70
Apartment & Residential Sinks of these dimen- sions or capacities.		24 x 24 x 12 Ea. Compt. or 60 Gal. Kettle	45.0	50	100
		24 x 32 x 12 Ea. Compt.	60.0	75	150
	Up to 20 Gal. Tank			20	40
DISHWASHER	20 to 25 Gal. Tank			35	70
	35 to 50 Gal. Tank			50	100

No fixture is ever filled to capacity. Pots, pans and other items being washed displace a certain amount of water, estimated at 25%. Consequently 75% of CAPACITY = DRAINAGE LOAD.

Recommended DRAINAGE PERIOD IS ONE MINUTE but conditions may exist whereby a longer drainage period would be satisfactory.

The flow rate for any given drainage period can be determined by using the following formula:

$$\frac{\text{Drainage load in gallons}}{\text{Drainage period in minutes}} = \text{Flow rate in GPM}$$

5. Chapter 11 is hereby amended by adding a new section, 11.10 entitled "Prohibited Locations" immediately following full Section 11.9 entitled "Frost Protection". The wording and format of the new section follow.

"11.10 Prohibited Locations.

11.10.1 Exposed drainage piping. Exposed drainage piping shall not be installed above any area which is to be used for food or drink preparation, storage, or serving, where leakage from such piping may result in contamination of food or drink."

6. Chapter 12 is hereby amended by adding a new section, 12.22, entitled "Combination Waste-and-Vent System" immediately following Section 12.21 entitled "Size and Length of Vents". The wording and format of the new section follow.

"12.22 Combination Waste-and-Vent System.

12.22.1 For the installation of floor drains only. A combination waste-and-vent system shall be permitted where the conditions of a structure preclude the installation of a conventional system. When so installed, every waste pipe and trap in the system shall be at least two (2) pipe sizes larger than the size required in Chapter 11."

7. Chapter 14 is hereby amended by adding each of the following:
- a. by adding a second paragraph entitled "Emergencies" following the first paragraph entitled "14.17.1b Exception". The wording and format of the new paragraph follow.

Emergencies. Plumbing work necessary to prevent imminent danger to health of persons or to prevent imminent damage to property may be made prior to applying for or securing a plumbing permit by persons elsewhere in this Ordinance authorized to receive a plumbing permit provided the person doing such emergency work shall within a period of one (1) working day (of the City Plumbing Inspector), following the time when such emergency work is performed, make a complete application for the permit for the emergency work and provided that no such emergency work is performed on public property such as but not limited to streets; alleys; and, within the city limits, easements dedicated to the Public or the City of Urbana.

- b. by adding a second paragraph following the existing paragraph in subsection "14.17.1c Application for Permit". The wording and format of the new paragraph follow.

No permit shall be issued unless the person to whom such permit is proposed to be issued, shall submit in writing in a form satisfactory to the Plumbing Inspector a written undertaking and agreement to save and hold harmless the City of Urbana, a Municipal Corporation of the State of Illinois, from any and all liabilities and/or claims of liability arising out of or in connection with the performance of work pursuant to

such permit and to include any and all legal costs including attorney's fees incident to the defending against such claim whether such claim be groundless or not. Further along with such statement, the said person shall provide to the Plumbing Inspector a certificate of insurance showing general liability coverage conditioned upon 10-day notice to the City of Urbana in the event of material change, or cancellation or termination. In addition thereto, if the proposed work under the permit to be issued contemplates an excavation on public property such as, but not limited to, streets; alleys; and, within the city limits, easements dedicated to the Public or the City of Urbana, it shall be required that the person to whom such permit is issued shall comply with the requirements of section 29.11 of the Code of Urbana, 1967.

c. by deleting all words following "Fees" in subsection "14.17.1d Schedule of Fees" and substituting therefore as follows:

Five Dollars (\$5.00) for installation for each of the following:

- Drip Trap
- Water Closet
- Bath Tub
- Lavatory
- Shower Bath
- Kitchen Sink
- Slop Sink
- Pair Laundry Trays
- Dish Washer
- Garbage Disposer
- Urinal
- Floor Drain
- Clothes Washer
- Grease Trap
- Dental Cuspidor
- Soda Fountain
- Drinking Fountain
- Sump Pump Connection
- Water Heater
- Connection to a Storm Drain
- Water Service
- Roof Drains

Ten Dollars (\$10.00) for permission to connect to a septic tank Provided, however, that the fee for a permit hereunder shall not be less than ten dollars (\$10.00) regardless of the number of fixtures or connections.

All of the above fees for permits are to cover the expense necessary for inspections.

d. by adding a new subsection following existing full subsection "14.17.2c", entitled "14.17.2d General Information", and following thereafter the words:

"No permit as required by this Ordinance shall be issued until the fee prescribed shall have been paid.

In case of abandonment or discontinuance, an adjustment of the fee may be made and the portion of the fee for uncompleted work returned to the permit holder, provided that no refund of a prescribed ten dollar (\$10.00) minimum fee shall be made. If such discontinuance is due to revocation of a permit, a similar adjustment and return may be made; provided that no refund shall be made until all penalties incurred or imposed by due authority have been collected. After such a refund has been made no work shall be resumed until a new application has been made and a new permit has been issued. In case plumbing work which has been inspected is destroyed a new permit shall be secured and a fee shall be paid for the replacement of the destroyed work. This fee shall be half of a standard fee.

The Plumbing Inspector shall issue all permits required by this Ordinance retaining one copy in his office, and shall forward the original to the person applying for same."

All applications for permits shall be in writing on blanks to be furnished by the Plumbing Inspector.

The owner or agent in charge of any premises upon which such plumbing or storm drainage work is to be done shall not permit the performance of such plumbing or storm drainage work unless a permit therefor shall have been issued as provided herein.

e. by adding three (3) new subsections following the full existing subsection "14.17.3b Right of Entry", entitled "14.17.3c Certificate of Inspection", "14.17.3d Condemned Materials", and "14.17.3e Expiration of Permit." The wording and format of the new subsections follow.

"14.17.3c Certificate of Inspection. When the plumbing in any building is found, upon inspection, to be in a sanitary condition or when changes, which are ordered in the plumbing, drainage, or ventilation, have been completed and found correct, a Certificate of Inspection signed by the Inspector, shall be issued and delivered to the owner of the building, Triplicate copies of the Certificate of Inspection shall be made, one to be retained in the office of the Inspector, one copy shall be given to the person, firm or corporation installing the work, and the original copy to the owner or manager of building or premises. Upon notice by the Inspector, said certificate shall be revoked for violations of the plumbing ordinance or regulations.

"14.17.3c^d Condemned Materials. The presence of any material, other than that provided for in this Ordinance, about a joint or on any part of a plumbing system or on, or near the site of the work, shall be sufficient excuse for condemning such joint, part of the system, or the entire work.

If test or inspection disclosed defective material, or unworkmanlike construction which does not conform to the requirements of this Ordinance, or leakage, such defective materials, or unworkmanlike construction shall be condemned.

Condemned materials not yet installed shall be removed forthwith from the site of the work and construction already installed shall be removed within three (3) days following the condemnation thereof or as the Plumbing Inspector may direct.

14.17.3e Expiration of Permit

If the work is not commenced under any permit, within six (6) months after the issuance of said permit, the permit shall be considered as having expired. If work is suspended on a project longer than six (6) months, the permit shall

be considered as having expired. All permits shall be for a period of one (1) year. Upon receipt of written request the Plumbing Inspector shall issue, without fee, permit extensions up to two (2) years for work of large magnitude or when conditions beyond the control of the permit holder prevent completion sooner.

f. by adding a new section following the full amended section "14.17 Administration", the new section "14.18 Appeal" and immediately thereafter as follows:

"14.18 Appeal Board

An Appeal Board shall be created consisting of six (6) members to serve without compensation of whom the Commissioner of Public Works shall be a member and Secretary. The Board shall elect its own Chairman. The members shall be appointed to serve as follows: one (1) member to serve one (1) year, one (1) member to serve two (2) years, one (1) member to serve three (3) years, two (2) members to serve four (4) years, or until their successors are appointed. In addition to Commissioner of Public Works the said members of said board shall include two (2) licensed plumbers, one (1) registered Professional Engineer, one (1) builder or superintendent of construction of not less than ten (10) years experience as such, and one (1) member of said board shall be appointed as a layman representing the public at large. Such board shall meet upon notice of the Chairman within a reasonable time of a filing of an appeal. The board shall establish reasonable rules and regulations as to the time of regular meetings and as to procedure before the board, not inconsistent with the terms of this Ordinance. Hearings on appeals shall be open to the public. Four (4) members of the Appeal Board shall constitute a quorum. The appellant or his representative, any officer of the municipality and any other person whose interest may be affected by the matter on appeal shall be given an opportunity to be heard, but no notice of the appeal shall be required to be given to anyone other than to the appellant and the Plumbing Inspector.

The concurring vote of four (4) members shall be necessary for the reversal of the decision of the Plumbing Inspector, or any other decision or determination favorable to the appellant. The failure of such concurring vote shall be deemed to be a confirmation of the judgment of the Plumbing Inspector. Every action of the Board shall be by resolution, copies of which shall be certified to the Plumbing Inspector and the appellant. No member of the Board shall participate in any cases in which he is personally interested.

An appeal may be prosecuted by the owner of any building or structure or his duly authorized agent, from any decision of the Plumbing Inspector, and such appeal shall be perfected by filing a written notice of appeal within thirty (30) days of receipt of notice of the Plumbing Inspector's decision with the Chairman of the Appeal Board, stating briefly the decision complained of and a request for a hearing of the same by the Appeal Board. It shall be one of the duties of the Appeal Board to periodically study and recommend amendments to this Plumbing Ordinance as may be required due to changes in materials and practices.

Section 2. The rights and privileges of a Licensed Plumber to work or perform as such in the City of Urbana shall become void in the City of Urbana when he shall refuse or neglect within a reasonable time after notification thereof to make such necessary corrections to plumbing work as shall have been ordered by the Plumbing Inspector, or if he shall permit the use of his name by a person or persons other than his employees for the purpose of obtaining a permit to do plumbing work.

Section 3. Saving Clause.

Nothing in this Ordinance or in the Illinois State Plumbing Code hereby adopted shall be construed to affect any suit or proceeding now pending in any court, or any rights acquired, or liability incurred, nor any cause or causes of action accrued or existing, under any act or ordinance repealed hereby. Nor shall any right or remedy of any character be lost, impaired or affected by this Ordinance.

Section 4. Inconsistent Ordinances Repealed

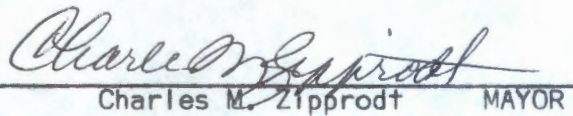
This Ordinance hereby repeals the Plumbing Ordinance of 1959 adopted March 2, 1959 and approved March 2, 1959.

Ordinances or parts thereof in force at the time that this Ordinance shall take effect and inconsistent herewith, are hereby repealed.

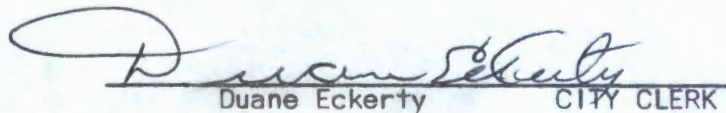
Section 5. Any person, firm or corporation violating any of the provisions hereof shall be subject to the provisions of Section 1.6 of the Urbana City Code.

Section 6. This Ordinance shall be in full force and effect ten (10) days after its passage and publication as required by law.

ADOPTED by the Council of the City of Urbana this 5th day of October, A. D. 1970


 Charles M. Zipprott MAYOR

ATTEST: This 5th day of October, A. D. 1970


 Duane Eckerty CITY CLERK