

Title 17  
BUILDINGS AND CONSTRUCTION

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17.20 Subsoil Foundation Drains

Chapter 17.12  
BUILDING CODE

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17.12.010 Building Code Adoption. The document entitled the Iowa State Building Code is adopted by reference as the building code of the City of Denver, Iowa. Hereafter known as the City of Denver Building Code. (Ord. 2-92 §2,1988)

17.12.020 Official Copy—Certificate of Adoption. An official copy of the State Building Code as adopted, including a certificate by the City clerk as to its adoption and the effective date is on file in the office of the City clerk. (Ord. 4-74 §3, 1974)

17.12.030 Copy--Available for Inspection and Sale. Copies of the code shall be kept available at the office of the City clerk for public inspection and for sale at cost to the public. (Ord. 4-74 §4, 1974)

17.12.040 Copy--Furnished to Library. A copy of the State Building Code shall be furnished to the municipal library, and there being no newspaper of general circulation published in the municipality, and no commercial radio station situated in the municipality, no codes are so furnished. (Ord. 4-74 §5, 1974)

17.12.050 Provisions Adopted. The City of Denver Building Code shall also include the adoption of Div. V, Iowa State Building Code, Chapters 1, 2 and 3 of the Uniform Building Code, 1991 Edition, Part I of the Uniform Plumbing Code, 1991 Edition, Chapters 1, 2 and 3 of the Uniform Mechanical Code, 1991 Edition and Chapters 1, 2 and 3 of the National Electrical Code, Uniform Administrative Code Provisions, 1990 Edition, and any subsequent editions or amendments thereto.

(1) The Uniform Building Code, Table 3-A, shall be amended to read as shown in Table 3-B of the ordinance codified in this section and found on file in the office of the City clerk.

(2) The Uniform Plumbing Code, Table 3-A, shall be amended to read as shown in Table 3-P of the ordinance codified in this section and found on file in the office of the City clerk.

(3) The Uniform Mechanical Code, Table 3-A, shall be amended to read as shown in Table 3-M of the ordinance codified in this section and found on file in the office of the City clerk.

(4) The National Electrical Code, Table 3-A, shall be amended to read as shown in Table 3-E of the ordinance codified in this section and found on file in the office of the City clerk.

(5) The following appendix chapters of the Uniform Building Code, 1991 Edition, published by the International Conference of Building Officials are adopted as a part of this section:

Appendix Chapter 11, Agricultural Buildings

Appendix Chapter 12, Division III, Barriers for Swimming Pools, Spas and Hot Tubs

Appendix Chapter 29, Waterproofing & Damproofing Foundations

Appendix Chapter 31, Div. I & II, Accessibility Appendix Chapter 32, Reroofing

(Ord. 2-92 §3, 1992; Ord. 2-88 §3(part), 1988)

17.12.060 Uniform Building Code Section 301(b)-Amended. The Uniform Building Code, Section 301b, shall be amended by adding new items #12 and #13 to read as follows:

12. Reroofing of residential property as long as no work is done other than adding new shingles.

13. Residing of residential property as long as no work is done other than adding new siding.

(Ord. 2-88 §3(A), 1988)

17.12.070 Uniform Building Code Section 304(a)-Amended. The Uniform Building Code, Section 304a, shall be amended to read as follows:

**BUILDING PERMIT FEES**  
**BREMER COUNTY - DENVER - DUNKERTON- JANESVILLE - READLYN - TRIPOLI**  
**WAVERLY**

\$.00 to \$2,000.00	\$25 for the first \$500.00 plus \$1.94 for each additional \$100.00 or fraction thereof, to and including \$2,000.00
\$2,001.00 to \$25,000.00	\$54.10 for the first \$2,000.00 plus \$8.66 for each additional \$1,000.00 or fraction thereof, to and including \$25,000.00
\$25,001.00 to \$50,000.00	\$253.28 for the first \$25,000.00 plus \$6.25 for each additional \$1,000.00 or fraction thereof, to and including \$50,000.00
\$50,001.00 to \$100,000.00	\$409.53 for the first \$50,000.00 plus \$4.36 for each additional \$1,000.00 or fraction thereof, to and including \$100,000.00
\$100,001.00 to \$500,000.00	\$627.53 for the first \$100,000.00 plus \$3.47 for each additional \$1,000.00 or fraction thereof, to and including \$500,000.00
\$500,001.00 to \$1,000,000.00	\$2015.53 for the first \$500,000.00 plus \$2.95 for each additional \$1,000.00 or fraction thereof, to and including \$1,000,000.00
\$1,000,001 and up	\$3490.53 for the first \$1,000,000.00 plus \$1.94 for each additional \$1,000.00 or fraction thereof

**Other Inspections and Fees**

1. Inspections outside of normal business hours . . . . . \$60.00 per hour  
(minimum charge - two hours)
2. Re-inspection Fees . . . . . \$60.00 per hour
3. Inspections for which no fee is specifically indicated . . . . . \$60.00 per hour  
(minimum charge - one-half hour)
4. Plan Review Fees  
A plan review fee shall be assessed in the amount of 50% of the building permit fee as listed in this resolution. Plan review fees are not required for single family dwellings with a building valuation of less than \$400,000.00 and other projects with a valuation of less than \$200,000.00
6. Zoning permits and permit issuance for which no specific fee is listed. . . . . \$25.00
7. Building Valuations:  
The determination of value or valuation under any of the provisions of the Building Code shall be made by the Building Official. The value to be used in computing the building permit and plan review fees shall be the total value of all construction work for which the permit is issued, as well as all finish work, painting, roofing, electrical, plumbing, heating, air conditioning, elevators, fire extinguishing systems and any other permanent equipment.

## ELECTRICAL PERMIT FEES

### Permit Issuance

For issuing each permit \_\_\_\_\_ \$ 25.00

### SYSTEM FEE SCHEDULE (In Addition to Permit Issuance)

#### New Residential Buildings

The following fees shall include all wiring and electrical equipment in or on each building, or other electrical equipment on the same premises constructed at the same time.

For new multi-family residential buildings (apartments and condominiums) having three or more living units not including the area of garages, carports, and other noncommercial automobile storage areas constructed at the same time, per square foot \_\_\_\_\_ \$ .06

For new single and two-family residential buildings not including the area of garages, carports and other minor accessory buildings constructed at the same time, per square foot \_\_\_\_\_ \$ .07

For other types of residential occupancies and alterations, additions and modifications to existing residential buildings, use the UNIT FEE SCHEDULE.

#### Private Swimming Pools

For new private, residential, in-ground, swimming pools for single-family and multi-family occupancies including a complete system of necessary branch circuit wiring, bonding, grounding, underwater lighting, water pumping and other similar electrical equipment directly related to the operation of a swimming pool, each \_\_\_\_\_ \$ 35.00

For other types of swimming pools, therapeutic whirlpools, spas and alterations to existing swimming pools, use the UNIT FEE SCHEDULE.

#### Temporary Power Service

For a temporary service power pole or pedestal including all pole or pedestal-mounted receptacles, outlets and appurtenances, each \_\_\_\_\_ \$ 8.10

### UNIT FEE SCHEDULE (In Addition to Permit Issuance)

#### Receptacles, Switch and Lighting Outlets

For receptacle, switch, lighting or other outlets at which current is used or controlled, except services, feeders and meters.

First 20, each \_\_\_\_\_ \$ 1.00

Additional outlets, each \_\_\_\_\_ \$ .65

Note: For multi-outlet assemblies, each 5 feet or fraction thereof may be considered as one outlet.

## ELECTRICAL PERMIT FEES (Continued)

### Residential Appliances

For fixed residential appliances or receptacle outlets for the same, including wall-mounted electric ovens; counter-mounted cooking tops; electric ranges; self-contained room, console or through wall air conditioners; space heaters; food waste grinders; dishwashers; washing machines; water heaters; clothes dryers; or other motor-operated appliances not exceeding one horsepower (HP) in rating, each \_\_\_\_\_ \$ 4.65

Note: For other types of air conditioners and other motor-driven appliances having larger electrical ratings, see Power Apparatus.

### Nonresidential Appliances

For nonresidential appliances and self-contained factory-wired, nonresidential appliances not exceeding one horsepower (HP), kilowatt (KW), or kilovolt-ampere (KVA) in rating including medical and dental devices; food, beverage and ice cream cabinets; illuminated show cases; drinking fountains; vending machines; laundry machines; or other similar types of equipment, each \_\_\_\_\_ \$ 4.65

NOTE: For other types of air conditioners and other motor-driven appliances having larger electrical ratings, see Power Apparatus.

### Power Apparatus

For motors, generators, transformers, rectifiers, synchronous converters, capacitors, industrial heating, air conditioners and heat pumps, cooking or baking equipment and other apparatus, as follows: Rating in Horsepower (HP)

Up to and including 1, each _____	\$ 4.65
Over 1 and not over 10, each _____	\$ 5.80
Over 10 and not over 50, each _____	\$ 6.95
Over 50 and not over 100, each _____	\$ 8.10
Over 100, each _____	\$ 9.25

- Note:
1. For equipment or appliances having more than one motor, transformer, heater, etc., the sum of the combined ratings may be used.
  2. These fees include all switches, circuit breakers, contactors, thermostats, relays and other directly related control equipment.

### Signs, Outline Lighting and Marquees

For signs, outline lighting systems or marquees supplied from one system branch circuit, each \_\_\_\_\_ \$ 11.55

For additional branch circuits within the same sign, outline lighting or marquee, each \_\_\_\_\_ \$ 4.65

## ELECTRICAL PERMIT FEES (Continued)

### Services

For services of 600 volts or less and not over 200 amperes in rating, each _____	\$ 11.55
For services of 600 volts or less and over 200 amperes to 1000 amperes in rating, each _____	\$ 17.35
For services over 600 volts or over 1000 amperes in rating, each _____	\$ 29.90

### Miscellaneous Apparatus, Conduits and Conductors

For electrical apparatus, conduits and conductors for which a permit is required but for which no fee is herein set forth _____	\$ 12.70
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Note: This fee is not applicable when a fee is paid for one or more services,  
outlets, fixtures, appliances, power apparatus, bus ways, signs, or other equipment.

### Exemption

1. Emergency Work: The temporary repair of wiring on private property, if there is cause to believe that repairs are necessary to protect life or property or to preserve the supply of electric power to the municipality, a permit must be obtained for the emergency work as soon as possible.

Subpanel \$11.55

## PLUMBING PERMIT FEES

### Permit Issuance

For issuing each permit \_\_\_\_\_ \$ 25.00

### Unit Fee Schedule (in addition to Permit Issuance)

For each plumbing fixture on one trap or a set of fixtures on one trap  
(including water, drainage piping and backflow protection therefore) \_\_\_\_\_ \$ 8.10

For each water heater and/or vent \_\_\_\_\_ \$ 8.10

For each gas-piping system of one to five outlets \_\_\_\_\_ \$ 5.80

For each additional gas piping system outlet, per outlet \_\_\_\_\_ \$ 1.15

For each industrial waste pretreatment interceptor including its trap  
and vent, except kitchen-type grease interceptors functioning as  
fixture traps \_\_\_\_\_ \$ 8.10

For each installation, alteration or repair of water piping and/or  
water treating equipment, each \_\_\_\_\_ \$ 8.10

For each repair or alteration of drainage or vent piping, each fixture \_\_\_\_\_ \$ 8.10

For each lawn sprinkler system on any one meter including  
backflow protection devices thereof \_\_\_\_\_ \$ 8.10

### Exemption

1. Emergency Work: If emergency work that requires a permit must be performed when permits are not available to be issued, the work shall be performed according to the standards established pursuant to this chapter. The person performing the work shall apply for a permit at the first date that the Building Department may grant such a permit.

## MECHANICAL PERMIT FEES

### Permit Issuance

For the issuance of each permit \_\_\_\_\_ \$25.00

### Unit Fee Schedule (in addition to Permit Issuance)

For the installation or relocation of each forced-air or gravity-type furnace or burner, including ducts and vents attached to such appliance, up to and including 100,000 Btu/h \_\_\_\_\_ \$ 8.10

For the installation or relocation of each forced-air or gravity-type furnace or burner, including ducts and vents attached to such appliance, over 100,000 Btu/h \_\_\_\_\_ \$11.55

For the installation or relocation of each suspended heater \_\_\_\_\_ \$ 8.10

For the installation, relocation or replacement of each appliance vent installed and not included in an appliance permit \_\_\_\_\_ \$ 4.65

For the repair of, alteration of, or addition to each heating appliance, refrigeration unit, cooling unit, absorption unit, or each heating, cooling, absorption, or evaporative cooling system, including installation of controls regulated by this code \_\_\_\_\_ \$ 8.10

Installation of central air to heating appliance, including controls \_\_\_\_\_ \$ 8.10

### Exemption

1. Emergency Work: If emergency work that requires a permit must be performed when permits are not available to be issued, the work shall be performed according to the standards established pursuant to this chapter. The person performing the work shall apply for a permit at the first date that the Building Department may grant such a permit.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_  
Date

\_\_\_\_\_  
Date



17.12.110 Bonding and Insurance. General Contractors Bond and Insurance. No person, firm or corporation shall engage in the business of general contracting in the City without first supplying the City with a license and permit bond in the amount of five thousand dollars and a certificate of insurance with minimum liability limits of fifty thousand dollars. No bond or insurance shall be required for the following described work:

(1) Any person doing work on the residential premises in which he lives and is bona fide owner of. This provision shall not include commercial or industrial premises, and in the case of multiple dwellings, shall be limited only to the apartment in which the owner resides. (Ord. 292 S4, 1992: Ord. 2-88 S4, 1988)

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17.12.120 Violation--Penalty. Any person, firm or corporation violating any provisions of this article is guilty of a misdemeanor and upon conviction thereof shall be punished accordingly. (Ord. 4-74 S7, 1974)

#### ARTICLE II. ELECTRICAL CODE

17.12.130 Official Copy--Certificate of Adoption. An official copy of the Electrical Code (National Electrical Code 1984) as adopted, including a certificate by the City clerk as to its adoption and the effective date is on file in the office of the City clerk. (Ord. 2-88 §3(part), 1988) Ord. 3-74 S3, 1974)

17.12.140 Copy--Available for Inspection and Sale. Copies of the code shall be kept available at the office of the City clerk for public inspection and for sale at no cost to the public. (Ord. 3-74 S4, 1974)

17.12.150 Copy--Furnished to State and Municipal Library. A copy of the Electrical Code (National Electrical Code 1984) shall be furnished to the State Law Library, the municipal library and there being no newspaper of general circulation published in the municipality, and no commercial radio station situated in the municipality, no codes are so furnished. (Ord. 2-88 §3(part), 1988; Ord. 3-74 §5, 1974)

17.12.160 Electrical Licenses. (a) No person, firm or corporation shall engage in the business of installing, maintaining or repairing electrical installations and electrical equipment unless such person, firm or corporation shall have obtained from the City a license to do electrical work in accordance with these provisions, except that holders of existing licenses granted by the City may be issued renewals of their licenses without taking the examination herein provided for, providing renewals are applied for not more than thirty days before or thirty days after expiration date noted on said license. The City may revoke said license at any time for violation of any portion of this article. No license shall be required for the following described work:

(1) Any person doing work on the residential premises in which he lives and is bona fide owner of, but shall not include the installation, placing or repair of service entrance distribution equipment, if required by utility, to be done by licensed electrician. The owner must obtain a permit and appear before the electrical inspector and demonstrate that he is competent to do the specified work for which he desires a permit. This provision shall not include commercial or industrial premises and in case of multiple dwellings shall be limited only to the apartment in which the owner resides.

(b) Classes of Licenses. The following classes of electrical licenses shall be effective in the City:

(1) Electrical Contractor Licenses. This license shall entitle the holder thereof to engage in the business of and to secure permits for the installation, alteration, and repair of electrical devices, appliance or equipment. Electrical contractor licenses may be issued only to firms, partnerships, or corporations where the acting manager(s) or supervisor of electrical work of such firm, partnership or corporation is the holder of a City master electrician license and by supplying the City with a license and permit bond in the amount of five thousand and a certificate of insurance with minimum liability limits of fifty thousand dollars.

(2) Master Electrician Licenses. This license shall entitle the holder to perform any work of installing or maintaining, altering or repairing electrical equipment under the direction of a licensed electrical contractor, by whom the holder is employed. A master electrician shall be a person having the necessary qualifications, i.e., training experience and technical knowledge to

install, alter, or repair any electrical system. To be eligible for a master electrician license, a person must have been a licensed journeyman electrician for a minimum of one year and passed the master electrician test as established and administered by the electrical board.

(3) Journeyman Electrician License. This license shall entitle the holder thereof to perform any work of installing, maintaining, altering or repairing electrical equipment as a journeyman electrician under the direction of a holder of an electrical contractor license by whom he is employed. A journeyman electrician shall be a person having the necessary qualifications, i.e., training, experience and technical knowledge to install, alter or repair any electrical system. To be eligible for a journeyman electrician license, a person must have worked for four years as an apprentice electrician and have passed the standard exam for journeyman electrician as established by the board of electrical examiners. The board of electrical examiners may after reviewing the person's credentials and determining that other experience and education is of adequate value, waive or vary the apprentice time requirement.

(4) Apprentice Electrician License. This license shall entitle the holder thereof to engage in the work of installing, maintaining, altering and repairing electrical installations and electrical equipment as a helper under direct supervision of a licensed journeyman electrician or a licensed master electrician.

(5) Electrical Appliance Dealers License. This license shall entitle the holder thereof to engage in the business of sales and to secure permits for the installation and service of appliances and equipment requiring an electrical hookup to existing electrical branch circuits. Electrical appliance dealers license may be issued only to firms, partnerships or corporations where the active managers) or supervisor of appliance installation and service of such firm, partnership or corporation is the holder of a City appliance installers license and by supplying the City with a license and permit bond in the amount of five thousand-dollars and a certificate of insurance with minimum liability limits of fifty thousand dollars.

(6) Electrical Appliance Installers License. This license shall entitle the holder thereof to undertake the work of installation, maintenance and repair of electrical appliance and equipment requiring an electrical hookup to existing electrical branch circuits. To obtain an electrical appliance license for electrical work, a person must be an established dealer of appliances or an employee of an established dealer who has an electrical dealer's license in the City.

(7) Maintenance Electrician License. This license shall entitle the holder thereof to undertake the work of installing, maintaining, altering or repairing electrical equipment and systems in a manufacturing industrial, or commercial plant or building owned or operated by his/her employer. Restriction: The above work shall not include the installation of electrical power to a new structure or a new major extension to an existing structure. (Ord. 2-92 §5(A, B)(1--7)), 1992: Ord. 2-88 §5(A, B), 1988)

17.12.165 Examinations Required. Except as provided for in Section 17.12.160(a), persons desiring to obtain a City license to perform electrical work must have successfully completed the proctored standard examination as offered by the independent testing firm of Block and Associates. A minimum test score of seventy-five percent is required in order to be issued a license for any of the following classifications:

(1) City of Denver master electrician license, six hour Std. master electrician.

(2) City of Denver journeyman electrician license, six-hour Std. journeyman.

(3) Electrician appliance installers license, three hour Std. electrician maintenance.

(4) Maintenance electrician, three-hour Std. electrician maintenance.

(Ord. 2-92 §5(B)(8), (1992)

17.12.170 Approved Boards of Electrical Examiners. Approved boards of electrical examiners are as follows:

- (1) City of Waverly;
- (2) Reciprocal Agreements. An electrical license may be granted to a person if the person holds a comparable license from another jurisdiction, if such jurisdiction has a reciprocal agreement with the City building inspection department. (Ord. 2-92 §5(C), 1992: Ord. 2-88 §§(L), 1988)

17.12.180 Electrical Licensing Fees. Electrical licensing fees shall be as follows:

- (1) Electrical contractor, thirty-five dollars;
  - (2) Master electrician, seven dollars;
  - (3) Journeyman electrician, seven dollars;
  - (4) Apprentice electrician, seven dollars;
  - (5) Electrical appliance dealers, twenty-five dollars;
  - (6) Electrical appliance installers, seven dollars;
  - (7) Maintenance electrician, seven dollars.
- (Ord. 2-92 §5(D), 1992: Ord. 2-88 §5(D), 1988)

17.12.190 Violations--Penalty. Any person, firm or corporation violating any provision of this article is guilty of a misdemeanor and upon conviction thereof shall be punished accordingly. (Ord. 3-74 S6, 1974)

### ARTICLE III. PLUMBING LICENSES

17.12.200 Plumbing Licenses. Licenses Required. No person, firm or corporation shall engage in the business of installing, maintaining, altering or repairing any plumbing unless such person, firm or corporation shall have obtained from the City a license to do plumbing work in accordance with these provisions, except that holders of existing licenses granted by the City may be issued renewals of their license without taking the examination herein provided for, providing renewals are applied for not more than thirty days before or thirty days after expiration date noted on said license. The City may revoke said license at any time for violation of any portion of this article. No license shall be required for the following described work:

- (1) Any person doing plumbing work on the premises of which he is a bona fide owner. The owner must obtain a permit and appear before the plumbing inspector and demonstrate that he is competent to do the specified work for which he desires a permit. This provision shall not include commercial or industrial premises, and in case of multiple dwellings, shall be limited only to the apartment in which the owner resides. (Ord. 2-92 §6(A), 1992: Ord. 2-88 §6(A), 1988)

17.12.210 Classes of Licenses. The following classes of plumbing licenses shall be effective in the City:

- (1) Plumbing Contractor Licenses. This license shall entitle the holder thereof to engage in the business of and to secure permits for the installation, alteration and repair of plumbing and plumbing related devices. Plumbing contractors licenses may be issued only to firms, partnerships or corporations where the active manager(s) of such firm, partnership or corporation is the holder of a City master plumbers license and by supplying the City with a license and permit

bond in the amount of five thousand dollars and a certificate of insurance with minimum liability limits of fifty thousand dollars.

(2) Master Plumber License. This license shall entitle the holder to perform any work in installing, maintaining, altering or repairing plumbing and plumbing related fixtures under the direction of a licensed plumbing contractor by whom the holder is employed. A person licensed as a master plumber shall have the necessary qualifications, i.e., training, experience and technical knowledge to properly plan, lay out and supervise the construction, reconstruction, alteration or repair of any plumbing or building drainage system. To be eligible for a master plumber license, a person must have been a licensed journeyman plumber for a minimum of one year and pass the standard test for master plumber as established and administered by the board of plumbing examiners.

(3) Journeyman Plumber Licenses. The holder of this license shall be entitled to perform any work of installing, maintaining, altering or repairing plumbing and plumbing related fixtures under the direction of a holder of a plumbing contractor license by whom the license holder is employed. A journeyman plumber shall be a person having the necessary qualifications, i.e., training, experience and technical knowledge to install, alter or repair any plumbing drainage system. To be eligible for a journeyman plumber license, a person must have worked for four years as an apprentice plumber and have passed the standard exam for journeyman plumber as established by the board of plumbing examiners.

(4) Apprentice Plumbing Licenses. This license shall entitle the holder to engage in the work of installing, maintaining, altering and repairing plumbing and plumbing related fixtures as a helper under direct supervision of a licensed journeyman or master plumber.

(5) Heating and Cooling Contractor. This license shall entitle the holder thereof to engage in the business of and to secure permits for the installation, alteration or repair of heating and cooling related devices. Heating and cooling contractors licenses may be issued only to firms, partnerships or corporations where the active managers) of such firm, partnership or corporation is the holder of a City journeyman heating and cooling license and by supplying the City with a performance bond in the amount of five thousand dollars and a certificate of insurance with minimum liability limits of fifty thousand dollars.

(6) Journeyman Heating and Cooling License. The holder of this license shall be entitled to perform any work of installing, maintaining, altering or repairing heating and cooling systems and devices under the direction of a licensed heating and cooling contractor by whom the holder is employed. (Ord. 2-92 §6(B)(1--6), 1992; Ord. 288 §6(B), 1988)

17.12.215 Examinations Required. Except as provided for in Section 17.12.200, persons desiring to obtain a City license to perform plumbing work must have successfully completed the proctored standard examination as offered by the independent testing firm of Block and Associates. A minimum test score of seventy-five percent is required in order to be issued a license for any of the following classifications:

- (1) City of Denver master plumber license, six-hour Std. master plumber with gas.
  - (2) City of Denver journeyman plumber license, six hour Std. journeyman plumber.
  - (3) City of Denver journeyman heating and cooling license, six-hour Std. journeyman HARV.
- (Ord. 2-92 §6(B)(7), 1992)

17.12.220 Approved Boards of Plumbing Examiners. Approved boards of plumbing examiners are as follows:

- (1) City of Waverly;

(2) Reciprocal Agreements. A plumbing license may be granted to a person if the person holds a comparable license from another jurisdiction, if such jurisdiction has a reciprocal agreement with the City building inspection department. (Ord. 2-92 S6(C), 1992: Ord. 2-88 S6(C), 1988)

17.12.230 Plumbing License Fees. Plumbing licensing fees shall be as follows:

- (1) Plumbing contractor, thirty-five dollars;
  - (2) Heating and cooling contractor, thirty-five dollars;
  - (3) Heating, cooling and plumbing contractor, thirty-five dollars;
  - (4) Master plumber, seven dollars;
  - (5) Journeyman plumber, seven dollars;
  - (6) Journeyman heating and cooling, seven dollars;
  - (7) Apprentice plumber, seven dollars.
- (Ord. 2-92 §6(D), 1992: Ord. 2-88 §6(D), 1988)

#### Chapter 17.20

#### SUBSOIL FOUNDATION DRAINS

##### Sections:

##### 17.20.010 Installation Requirements--Discharge.

17.20.010 Installation Requirements--Discharge. Subsoil foundation drains shall be installed along the footings of all outer basement walls in all new buildings. The subsoil drains shall be placed along the footings under the basement floor or along the outside of the outer walls, with top of the tile being below the level of the basement floor, and the drains shall consist of open-jointed drain tile not less than four inches in diameter. The drain tile trenches shall be filled with coarse gravel or stone aggregate covered with tar paper, and the drains shall not be backfilled or covered with the basement floor until the same have been inspected and approved by the building inspector. This drain shall not be used for any drainage other than subsoil foundation drainage. Discharge from foundations and absorption tile drains shall be made by one of the following methods:

- A. Gravity, where possible, to a storm sewer or drainage ditch;
- B. By discharging the drains into a basement sump and then by pumping the discharge to the surface of the yard with a sump pump, so it may flow to the City storm sewer or open drainage ditch. The sump pump must be an approved submersible type of adequate size and with automatic controls. The sump shall not be less than fifteen inches in diameter and twenty-four inches deep with the top of said sump extended six inches above the basement floor. There shall be no cross connection to the sanitary sewer. Where possible, the discharge from the basement sump and sump pump shall be to the rear portion of the property and in no instance shall the discharge be directly to a City street. (Ord. 5-74 51, 1974)

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