

TITLE VI PHYSICAL ENVIRONMENT

CHAPTER 1 MOBILE HOME REGULATION

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6-1-1 DEFINITIONS. For use in this chapter the following terms are defined as follows:

1. "Mobile home" means any vehicle without motive power used or so manufactured or constructed as to permit its being used as a conveyance upon the public streets and highways and so designed, constructed, or reconstructed as will permit the vehicle to be used as a place for human habitation by one or more persons; but shall also include any such vehicle with motive power not registered as a motor vehicle in Iowa. A "mobile home" is not built to a mandatory building code, contains no State or federal seals, and was built before June 15, 1976.

(Code of Iowa, Sec. 435.1)

2. "Mobile home park" shall mean any site, lot, field or tract of land upon which three or more occupied mobile homes, manufactured homes, or modular homes or a combination of any of these homes are placed on developed spaces and operated as a for-profit enterprise with water, sewer or septic, and electrical services available.

(Code of Iowa, Sec. 435.1(4))

3. "Manufactured home" is a factory-built structure built under authority of 42 U.S.C. Section 5403, is required by federal law to display a seal from the United States Department of Housing and Urban Development, and was constructed on or after June 15, 1976. If a manufactured home is placed in a mobile home park, the home must be titled.

4. "Modular home" means a factory-built structure built on a permanent chassis which is manufactured to be used as a place of human habitation; is constructed to comply with the Iowa State Building Code for modular factory-built structures, and must display the seal issued by the State Building Code Commissioner.

6-1-2 LOCATION OF MOBILE HOMES. All mobile homes shall be placed or parked in a mobile home park unless permitted otherwise by State law. This section shall not apply to mobile homes parked or placed upon private property as part of a dealer's or a manufacturer's stock not used as a place for human habitation.

6-1-3 SPECIAL PERMITS FOR LOCATION OF MOBILE HOMES OUTSIDE MOBILE HOME PARKS. The City Council, upon application of a mobile home owner, may grant a permit for

a mobile home to be located for a limited time on premises outside mobile home parks. The City Council shall issue such special permits when it appears that location within local mobile home park is impracticable or impossible and public health, safety, and welfare interests will not be seriously affected by granting the permit. Special permits shall not be granted for periods in excess of three (3) years but upon expiration of a special permit reapplication may be made. Application for the permit shall include:

1. A statement concerning the practicability of location within a local mobile home park.
2. A description of sanitation facilities contained within the mobile home and those facilities available at the proposed location.
3. A statement of the desired duration of the special permit.

6-1-4 EMERGENCY AND TEMPORARY PARKING. Emergency or temporary parking of mobile homes upon the streets, alleys, or highways, or any other public or private place for a period not in excess of seven days shall not constitute a violation of 6-1-2, but such parking shall be subject to any prohibitions or regulations contained in other Ordinances of this City.

6-1-5 TRAFFIC CODE APPLICABLE. The owner of a mobile home park may elect to have City traffic provisions of the City Code apply to real property in the mobile home park and any person located on the real property. The owner of a mobile home park may waive this right by filing a waiver with the County Recorder.

6-1-6 BUILDING REQUIREMENTS. All mobile homes, modular homes and factory built homes as defined in the Iowa Code located outside a mobile home park shall comply with all Ordinances relating to residences or homes in the community and shall be affixed to a permanent perimeter foundation, which shall be constructed of a permanent material such as brick, block, or other masonry material and shall, at the minimum, have footings extending below the frost line if the home has no basement (except that any home located outside a mobile home park on the date this ordinance takes effect shall be exempt from the permanent foundation requirement. The effective date of this Ordinance is _____).*

(Code of Iowa, Sec. 435.26)

*Editor's note. The section in parenthesis should be included at the time the Ordinance is first adopted and not during a recodification. In other words, do not add this language to Ordinances already in effect.

TITLE VI PHYSICAL ENVIRONMENT

CHAPTER 2 UTILITIES - SANITARY SYSTEM

6-2-1	Definitions	6-2-5	Use of the Public Sewers
6-2-2	Use of Public Sewers Required	6-2-6	Protection from Damage
6-2-3	Private Sewage Disposal	6-2-7	Powers and Authority to Inspectors
6-2-4	Building Sewers and Connections	6-2-8	Penalties

6-2-1 DEFINITIONS. Unless the context specifically indicates otherwise, the meaning of terms used in this Ordinance shall be as follows:

1. "BOD" (denoting Biochemical Oxygen Demand) shall mean the quantity of oxygen utilized in the biochemical oxidation of organic matter under standard laboratory procedure in five (5) days at 20 C, expressed in milligrams per liter or parts per million.

2. "Building Drain" shall mean that part of the lowest horizontal piping of a drainage system which receives the discharge from soil, waste, and other drainage pipes inside the walls of the building and conveys it to the building sewer, beginning five (5) feet (1.5 meters) outside the inner face of the building wall.

(IAC 567-69.3(1))

3. "Building Sewer" shall mean the extension from the building drain to the public sewer or other place of disposal.

(IAC 567-69.3(1))

4. "Combined Sewer" shall mean a sewer receiving both surface runoff and sewage.

5. "Garbage" shall mean solid wastes from the domestic and commercial preparation, cooking, and dispensing of food, and from the handling, storage, and sales of produce.

6. "Industrial Wastes" shall mean the liquid wastes from industrial manufacturing processes, trade, or business as distinct from sanitary sewage.

7. "Natural Outlet" shall mean any outlet into watercourse, pond, ditch, or other body of surface or groundwater.

8. "Person" shall mean any individual, firm, company, association, society, corporation, or group.

9. "pH" shall mean the logarithm of the reciprocal of the weight of hydrogen ions in grams per liter of solution.

10. "Properly Shredded Garbage" shall mean the waste from the preparation, cooking, dispensing of food that has been shredded to such a degree that all particles will be carried freely under the flow conditions normally prevailing in public sewers, with no particle greater than one-half (1/2) inch (1.27 centimeters) in any dimension.

11. "Public Sewer" shall mean a sewer in which all owners of abutting properties have equal rights, and is controlled by public authority.

12. "Sanitary Sewer" shall mean a sewer which carries sewage and to which storm, surface, and groundwaters are not intentionally admitted.

13. "Sewage" shall mean a combination of the water-carried wastes from residences, business buildings, institutions, and industrial establishments, together with such ground, surface, and stormwaters as may be present.

14. "Sewage Treatment Plant" shall mean any arrangement of devices and structures used for treating sewage.

15. "Sewage Works" shall mean all facilities for collecting, pumping, treating, and disposing of sewage.

16. "Sewer" shall mean a pipe or conduit for carrying sewage.

17. "Sludge" shall mean any discharge of water, sewage, or industrial waste which in concentration of any given constituent or in quantity of flow exceeds for any period of duration longer than fifteen (15) minutes more than five (5) times the average twenty-four (24) hour concentration of flows during normal operation.

18. "Storm Drain" (sometimes termed "storm sewer") shall mean a sewer which carries storm and surface waters and drainage, but excludes sewage and industrial wastes other than unpolluted cooling water.

19. "Superintendent" shall mean the Superintendent of Public Utilities of the City of Exira or the Superintendent's authorized deputy, agent, or representative.

20. "Suspended Solids" shall mean solids that either float on the surface of, or are in suspension in water, sewage, or other liquids, and which are removable by laboratory filtering.

21. "Watercourse" shall mean a channel in which a flow of water occurs, either continuously or intermittently.

6-2-2 USE OF PUBLIC SEWERS REQUIRED.

1. It shall be unlawful for any person to place, deposit, or permit to be deposited in any unsanitary manner on public or private property within the City or in any area under the jurisdiction of said City, any human or animal excrement, garbage, or other objectionable waste.

2. It shall be unlawful to discharge to any natural outlet within the City, or in any area under the jurisdiction of said City, any sewage or other polluted waters, except where suitable treatment has been provided in accordance with subsequent provisions of this Ordinance.

(Code of Iowa, Sec. 364.12(3)(f))

3. Except as hereinafter provided, it shall be unlawful to construct or maintain any privy, privy vault, septic tank, cesspool, or other facility intended or used for the disposal of sewage.

4. The owner of any house, building, or property used for human occupancy, employment, recreation, or other purposes, situated within the City and abutting on any street, alley, or right-of-way in which there is now located or may in the future be located a public sanitary or combined sewer of the City, is hereby required at such owner's expense to install suitable toilet facilities therein, and to connect such facilities directly with the proper public sewer in accordance with the provisions of this Ordinance, provided that said public sewer is within one hundred fifty (150) feet of the property line. Billing for sanitary sewer service shall begin the date of official notice to connect to the public sewer.

(Code of Iowa, Sec. 364.12(3)(f))

(IAC 567-69.3(3))

5. If the City's sewer system does not have a sewer main abutting the property for which a sewer connection is applied for, the City may, as a condition of granting said application, require the applicant to install a sewer main from a point on the existing City system to such point as the City shall specify and in accordance with specifications provided by the City, and upon completion of said main shall become the property of the City. The applicant may certify to the City the cost of said sewer line and the total linear footage thereof, and shall specify the amount of said footage abutting his own property.

6. If a property as described in an application for a sewer connection has not been assessed for said sewer line abutting thereon to which construction has been made, and the cost of the construction of said sewer line abutting thereon to which construction has been made, and the cost of said sewer line has been paid by the City or the owner or owners of other property one said sewer line, a connection fee of \$6.00 per linear foot of sewer line abutting said property shall be collected by the Clerk before a permit is issued for said property. If the present or past owner or owners of other property abutting on said sewer line has paid the cost of construction thereof, including the cost of the construction of the sewer line abutting the property for which an application for connection has been made, then, upon request of said owner or owners or their assignees, (a) the amount paid by the applicant to the City to obtain a permit under the preceding paragraph of this section less the service fee to the City as described in Section 6-2-4(2), or (b) the cost per linear foot of

said sewer line construction as certified to the City when constructed multiplied by the linear feet of applicant's property fronting on said sewer line, whichever is lesser, shall be paid to said person or persons who constructed said line or their assignees until said person or persons or their assignees have been reimbursed for the full amount of the construction cost of said sewer line abutting properties other than their own.

6-2-3 PRIVATE SEWAGE DISPOSAL.

1. Where a public sanitary or combined sewer is not available under the provision of Section 6-2-2(4), the building sewer shall be connected to a private sewage disposal system complying with the provisions of this section.

2. Before commencement of construction of a private sewage disposal system the owner shall first obtain a written permit signed by the Superintendent. The application for such permit shall be made on a form furnished by the City, which the applicant shall supplement by any plans, specifications, and other information as are deemed necessary by the Superintendent. A permit and inspection fee of \$25.00 dollars shall be paid to the City at the time the application is filed.

3. A permit for a private sewage disposal system shall not become effective until the installation is completed to the satisfaction of the Superintendent. The Superintendent shall be allowed to inspect the work at any stage of construction and, in any event, the applicant for the permit shall notify the Superintendent when the work is ready for final inspection, and before any underground portions are covered. The inspection shall be made within 72 hours of the receipt of notice by the Superintendent.

4. The type, capacities, location, and layout of a private sewage disposal system shall comply with all recommendations of the Department of Natural Resources of the State of Iowa and the County Health Department. No permit shall be issued for any private sewage disposal system employing subsurface soil absorption facilities where the area of the lot is less than 1,500 square feet. No septic tank or cesspool shall be permitted to discharge to any natural outlet.

5. At such times as a public sewer becomes available to a property served by a private sewage disposal system, as provided in 6-2-2(4), a direct connection shall be made to the public sewer in compliance with this Ordinance, and any septic tanks, cesspools, and similar private sewage disposal facilities shall be abandoned and filled with suitable material.

(Code of Iowa, Sec. 364.12(3)(f))

6. The owner shall operate and maintain the private sewage disposal facilities in a sanitary manner at all times, at no expense to the City.

7. No statement contained in this article shall be construed to interfere with any additional requirements that may be imposed by the County Health Officer.

8. When a public sewer becomes available, the building sewer shall be connected at the building owner's expense, to said sewer within sixty (60) days and the private sewage disposal system shall be cleaned of sludge and filled with clean bank-run gravel or dirt.

(Code of Iowa, Sec. 364.12(3)(f))

6-2-4 BUILDING SEWERS AND CONNECTIONS.

1. No unauthorized person shall uncover, make any connections with or opening into, use, alter, or disturb any public sewer or appurtenance thereof without first obtaining a written permit from the Superintendent.

2. There shall be two (2) classes of building sewer permits: (a) for residential and commercial service, and (b) for service to establishments producing industrial wastes. In either case, the owner or the owner's agent shall make application on a special form furnished by the City. The permit application shall be supplemented by any plans, specifications, or other information considered pertinent in the judgment of the Superintendent. A permit and inspection fee of \$5.00 dollars for a residential or commercial building sewer permit and \$15.00 dollars for an industrial building sewer permit shall be paid to the City at the time the application is filed. If the application is to connect to the Delong sewer extension which was constructed in the fall of 1990, the Clerk shall obtain City Council approval before authorizing such connection, and the tapping fee for such a connection shall be \$2,000, which shall be paid to the clerk before the permit is issued.

Before a permit may be issued for excavating for plumbing in any public street, way or alley, the person applying for such permit shall have executed unto the City of Exira and deposited with the City Clerk a corporate surety in the sum of five thousand dollars (\$5,000.00) conditioned that the applicant will perform faithfully all work with due care and skill, and in accordance with the laws, rules and regulations established under the authority of any Ordinances of the City of Exira pertaining to plumbing. This bond shall state that the person will indemnify and save harmless the City of Exira and the owner of the premises against all damages, costs, expenses, outlay and claims of every nature and kind arising out of unskillfulness or negligence on the applicant's part in connection with plumbing or excavating for plumbing as prescribed in this Ordinance. Such bond shall remain in force and must be executed for a period of two (2) years except that on such expiration it shall remain in force as to all penalties, claims and demands that may have accrued thereunder prior to such expiration.

3. All cost and expense incident to the installation and connection of the building sewer shall be borne by the owner. The owner shall indemnify the City from any loss or damage that may directly or indirectly be occasioned by the installation of the building sewer.

4. A separate and independent building sewer shall be provided for every building, except where one building stands at the rear of another on an interior lot and no private sewer is available or can be constructed to the rear building through an adjoining alley,

courtyard, or driveway, the building sewer from the front building may be extended to the rear building and the whole considered as one building sewer.

5. Old building sewers may be used in connection with new building sewers only when they are found, upon examination and testing by the Superintendent, to meet all requirements of this Ordinance. The Superintendent may require that the old sewer be excavated for the purpose of facilitating inspection. No old cesspool or septic tank shall be connected to any portion of a building sewer that is also connected to the public sewer. Cesspools and septic tanks shall be located, and drained in a manner approved by the Superintendent and removed or filled with sand, crushed rock or any other solid material approved by the Superintendent, except as exempted by the Superintendent.

6. The building sewer shall be constructed in accordance with applicable portions of the last published (State Plumbing Code of Iowa), applicable specifications of the American Society for Testing and Materials (ASTM) and applicable portions of the Water Pollution Control Federation (WPCF) Manual of Practice No. 9."

a. Each connection to the public sewer shall be made to the fittings designated for that property. If a fitting in the public sewer is not available for the designated property, the connection shall then be made under the direct supervision of the Superintendent. Connections to the public sewer not made to an existing wye or tee shall be made by a hole cutter or careful chisel cutting. The connection shall be rendered water and gas tight, by use of rubber gaskets. The building sewer shall not protrude into the public sewer.

b. All building sewers shall be constructed of the following materials conforming to the indicated standards:

Vitrified Clay Pipe VCP

(1) Pipe and Fittings - ASTM C-700 "Standard Specification or Vitrified Clay Pipe, Extra Strength, Standard Strength and Perforated."

(2) Coupling and Joints - ASTM C-425 "Standard Specification for Compression Joints for Vitrified Clay Pipe and Fittings".

Extra Heavy Cast Iron Soil Pipe

(1) Pipe and Fittings - ASTM A-74 "Standard Specification for Cast Iron Soil Pipe and Fittings."

(2) Joints - ASTM C-564 "Standard Specification for Rubber Gaskets for Cast Iron Soil Pipe and Fittings."

Polyvinyl Chloride (PVC)

Polyvinyl Chloride (PVC) and joints shall be installed according to the manufacturers' recommendations and shall conform to:

(1) Pipe - A.S.T.M. D-3034, "Type P.S.M. Poly (PVC) and Fittings."

Minimum wall thickness:

4" - 0.125"

6" - 0.180"

8" - 0.240"

10" - 0.300"

(2) Joints - A.S.T.M. D-1869, A.S.T.M. D-1312, "Flexible Elastomeric Seals."

c. No building sewer for residential or commercial buildings shall be less than four inches in diameter. No building sewer for industries or multiple dwellings shall be less than six inches in diameter.

d. Unless otherwise authorized, all building sewers shall have a grade of not less than one - eighth (1/8) inch per foot. A grade of one-fourth (1/4) inch per foot shall be used wherever practical.

e. All excavation shall be open trench work unless authorized by the Superintendent. The foundation in the trench shall be formed to prevent any subsequent settlement of the pipes. If the foundation is good firm earth, the earth shall be pared or molded to give a full support to the lower quadrant of each pipe. Bell holes shall be dug. Where the floor of the trench is of hard or rocky material, the trench shall be excavated to four inches below the pipe and brought back to the proper grade with gravel, coarse sand or similar material so as to provide a firm foundation and uniform support for the building sewer line. Backfilling shall be placed in layers and solidly tamped or packed up to two feet above the pipe. Back-filling shall not be done until final inspection is made by the Superintendent. Building sewers shall be laid straight at uniform grade between connections or fittings.

f. Cleanouts shall be provided for each change in direction or grade if the change exceeds 45 degrees and at least every 100 feet.

7. Whenever possible, the building sewer shall be brought to the building at an elevation below the basement floor. The depth shall be sufficient to afford protection from frost. All excavations required for the installation of a building sewer shall be open trench work unless otherwise approved by the said Superintendent. Pipe laying and backfill shall be performed in accordance with A.S.T.M. Specification (Designation C12). No backfill shall be placed until the work has been inspected by the Superintendent or the Superintendent's representative. In all buildings in which any building drain is too low to permit gravity

flow to the public sewer, sanitary sewage carried by such building drain shall be lifted by an approved means and discharged to the building sewer.

8. No person shall make connection of roof downspouts, exterior foundation drains, areaway drains, or other sources of surface runoff or groundwater to a building sewer or building drain which in turn is connected directly or indirectly to a public sanitary sewer.

9. The connection of the building sewer into the public sewer shall conform to the requirements of the Plumbing Code or other applicable rules and regulations of the City, or the procedures set forth in appropriate specifications of the A.S.T.M. and the W.P.C.F. Manual of Practice No. 9. All such connections shall be made gastight and watertight. Any deviation from the prescribed procedures and materials must be approved by the Superintendent before installation.

10. Each and every part of the building sewer shall be inspected and approved by the Superintendent before being concealed or back-filled. The applicant for the building sewer permit shall notify the Superintendent when the building sewer is ready for inspection and connection to the public sewer. The connection shall be made under the supervision of the Superintendent or the Superintendent's representative.

11. All excavations for building sewer installation shall be adequately guarded with barricades and lights so as to protect the public from hazard. Streets, sidewalks, parkways, and other public property disturbed in the course of the work shall be restored in a manner satisfactory to the City.

12. The City shall, in no event, be held responsible for claims made against it by reason of the breaking of any mains or service pipes, or by reason of any other interruption of the service caused by the breaking of machinery or stoppage for necessary repairs; and no person shall be entitled to damages nor have any portion of a payment refunded for any interruption.

13. The premises receiving sanitary sewer service, shall at all reasonable hours, be subject to inspection by duly authorized personnel of the City.

14. The Owner of the property served by a building sewer shall be responsible for the operation, maintenance, repair, blockage, surface replacement, and any damage resulting from operation, maintenance repair and blockage of said building sewer, from the point of connection with the building drain to the Public Sewer.

6-2-5 USE OF THE PUBLIC SEWERS.

1. No person shall discharge or cause to be discharged any stormwater, surface water, groundwater, roof runoff, subsurface drainage, including interior and exterior foundation drains, uncontaminated cooling water, or unpolluted industrial process waters to any sanitary sewer. Applications may be cancelled and/or sewer service discontinued

by the City for any violation of any rule, regulation or condition of service, and especially for any of the following reasons:

a. Misrepresented in the application as to the property or fixtures to be serviced by the sanitary sewer system.

b. Non-payment of bills.

c. Improper or imperfect service pipes and fixtures, or failure to keep same in suitable state of repair.

2. Stormwater and all other unpolluted drainage shall be discharged to such sewers as are specifically designated as combined sewers or storm sewers, or to a natural outlet approved by the Superintendent. Industrial cooling water or unpolluted process waters may be discharged, on approval of the Superintendent, to a storm sewer, combined sewer, or natural outlet.

3. No person shall discharge or cause to be discharged any of the following described waters or wastes to any public sewers:

a. Any gasoline, benzene, naphtha, fuel oil, or other flammable or explosive liquid, solid, or gas.

b. Any waters or wastes containing toxic or poisonous solids, liquids, or gases in sufficient quantity, either singly or by interaction with other wastes, to injure or interfere with any sewage treatment process, constitute a hazard to humans or animals, create a public nuisance, or create any hazard in the receiving waters of the sewage treatment plant, including but not limited to cyanides in excess of two (2) mg/l as CN in the wastes as discharged to the public sewer.

c. Any waters or wastes having a ph lower than 5.5, or having any other corrosive property capable of causing damage or hazard to structures, equipment, and personnel of the sewage works.

d. Solid or viscous substances in quantities of such size capable of causing obstruction to the flow of sewers, or other interference with the proper operation of the sewage works such as, but not limited to, ashes, cinders, sand, mud, straw, shavings, metal, glass, rags, feathers, tar, plastics, wood, unground garbage, whole blood, paunch manure, hair and fleshings, entrails and paper dishes, cups, milk containers, etc., either whole or ground by garbage grinders.

e. Any water or wastes having (1) a 5-day bio-chemical oxygen demand greater than 300 parts per million by weight, or (2) containing more than 350 parts per million by weight, or suspended solids, or (3) having an average daily flow greater than 2 percent of the average sewage flow of the City, shall be subject to the review of the Superintendent. Where necessary in the opinion of the Superintendent, the owner shall provide at the

owner's expense, such preliminary treatment as may be necessary to (1) reduce the biochemical oxygen demand to 300 parts per million by weight, or (2) reduce the suspended solids to 350 parts per million by weight, or (3) control the quantities and rates of discharge of such waters or wastes. Plans, specifications, and any other pertinent information relating to proposed preliminary treatment facilities shall be submitted for the approval of the Superintendent and no construction of such facilities shall be commenced until said approvals are obtained in writing.

4. No person shall discharge or cause to be discharged the following described substances, materials, waters, or wastes if it appears likely in the opinion of the Superintendent that such wastes can harm either the sewers, sewage treatment process, or equipment, have an adverse effect on the receiving stream, or can otherwise endanger life, limb, public property, or constitute a nuisance. In forming an opinion as to the acceptability of these wastes, the Superintendent will give consideration to such factors as the quantities of subject wastes in relation to flows and velocities in the sewers, materials of construction of the sewers, nature of the sewage treatment process, capacity of the sewage treatment plant, degree of treatability of wastes in the sewage treatment plant, and other pertinent factors. The substances prohibited are:

a. Any liquid or vapor having a temperature higher than one hundred fifty (150) F (65 C).

b. Any water or wastes containing fats, wax, grease or oils, whether emulsified or not, in excess of one hundred (100) mg/l or containing substances which may solidify or become viscous at temperatures between thirty-two (32 F) and one hundred fifty (150 F) (0 and 65 C).

c. Any garbage that has not been properly shredded. The installation and operation of any garbage grinder equipped with a motor of three-fourths (3/4) horsepower (0.76 hp metric) or greater shall be subject to the review and approval of the Superintendent.

d. Any waters or wastes containing strong acid iron pickling wastes, or concentrated plating solutions whether neutralized or not.

e. Any waters or wastes containing iron, chromium, copper, zinc, and similar objectionable or toxic substances, or wastes exerting an excessive chlorine requirement, to such degree that any such material received in the composite sewage at the sewage treatment works exceeds the limits established by the Superintendent for such materials.

f. Any waters or wastes containing phenols or other taste-or-odor-producing substances, in such concentrations exceeding limits which may be established by the Superintendent as necessary after treatment of the composite sewage, to meet with requirements of the State, Federal, or other public agencies with jurisdiction for such discharge to the receiving waters.

g. Any radioactive wastes or isotopes of such half-life or concentration as may exceed limits established by the Superintendent in compliance with applicable State or Federal regulations.

h. Any waters or wastes having a pH in excess of 9.5.

i. Materials which exert or cause:

(1) Unusual concentrations of inert suspended solids (such as, but not limited to, Fullers earth, lime slurries, and lime residues) or of dissolved solids (such as, but not limited to, sodium chloride and sodium sulfate).

(2) Excessive discoloration (such as, but not limited to, dye wastes and vegetable tanning solutions).

(3) Unusual BOD, chemical oxygen demand, or chlorine requirements in such quantities as to constitute a significant load on the sewage treatment works.

(4) Unusual volume of flow or concentration of waters constituting "slugs" as defined herein.

j. Waters or wastes containing substances which are not amenable to treatment or reduction by the sewage treatment processes employed, or are amenable to treatment only to such degree that the sewage treatment plant effluent cannot meet the requirements of other agencies having jurisdiction over discharge to the receiving waters.

5. If any waters or wastes are discharged, or are proposed to be discharged to the public sewers, which waters contain the substances or possess the characteristics enumerated in 6-2-5(4), and which in the judgment of the Superintendent, may have a deleterious effect upon the sewage works, processes, equipment, or receiving waters, or which otherwise create a hazard to life or constitute a public nuisance, the Superintendent may:

a. Reject the wastes,

b. Require pretreatment to an acceptable condition for discharge to the public sewers.

c. Require control over the quantities and rates of discharge, and/or

d. Require payment to cover the added cost of handling and treating the wastes not covered by existing taxes or sewer charges under the provision of 6-2-5(10) of this article.

If the Superintendent permits the pretreatment or equalization of waste flows, the design and installation of the plants and equipment shall be subject to the review and approval of

the Superintendent, and subject to the requirements of all applicable codes, Ordinances, and laws.

6. Grease, oil, and sand interceptors shall be provided when, in the opinion of the Superintendent, they are necessary for the proper handling of liquid wastes containing grease in excessive amounts, or any flammable wastes, sand, or other harmful ingredients; except that such interceptors shall not be required for private living quarters or dwelling units. All interceptors shall be of a type and capacity approved by the Superintendent, and shall be located as to be readily and easily accessible for cleaning and inspection.

7. Where preliminary treatment or flow-equalizing facilities are provided for any waters or wastes, they shall be maintained continuously in satisfactory and effective operation by the owner at the owner's expense.

8. When required by the Superintendent, the owner of any property serviced by a building sewer carrying industrial wastes shall install a suitable control manhole together with such necessary meters and other appurtenances in the building sewer to facilitate observation, sampling, and measurement of the wastes. Such manhole, when required, shall be accessibly and safely located, and shall be constructed in accordance with plans approved by the Superintendent. The manhole shall be installed by the owner at the owner's expense, and shall be maintained by the owner so as to be safe and accessible at all times.

9. All measurements, tests, and analyses of the characteristics of waters and wastes to which reference is made in this Ordinance shall be determined in accordance with the latest edition of "Standard Methods for the Examination of Water and Wastewater," published by the American Public Health Association, and shall be determined at the control manhole provided, or upon suitable samples taken at said control manhole. In the event that no special manhole has been required, the control manhole shall be considered to be the nearest downstream manhole in the public sewer to the point at which the building sewer is connected. Sampling shall be carried out by customarily accepted methods to reflect the effect of constituents upon the sewage works and to determine the existence of hazards to life, limb, and property. (The particular analyses involved will determine whether a twenty-four (24) hour composite of all outfalls of a premise is appropriate or whether a grab sample or samples should be taken. Normally, but not always, BOD and suspended solids analyses are obtained from 24 hour composite of all outfalls where pH's are determined from periodic grab samples).

10. No statement contained in this article shall be construed as preventing any special agreement or arrangement between the City and any industrial concern whereby an industrial waste of unusual strength or character may be accepted by the City for treatment, subject to payment, therefore, by the industrial concern.

6-2-6 PROTECTION FROM DAMAGE.

1. No unauthorized person shall maliciously, willfully, or negligently break, damage, destroy, uncover, deface, or tamper with any structure, appurtenance, or equipment which is a part of the sewage works. Any person violating this provision shall be subject to immediate arrest under charge of disorderly conduct.

(Code of Iowa, Sec. 716.1)

6-2-7 POWERS AND AUTHORITY TO INSPECTORS.

1. The Superintendent and other duly authorized employees of the City bearing proper credentials and identification shall be permitted to enter all properties for the purpose of inspection, observation, measurement, sampling, and testing in accordance with the provisions of this Ordinance. The Superintendent or the Superintendent's representatives shall have no authority to inquire into any processes including metallurgical, chemical, oil, refining, ceramic, paper, or other industries beyond that point having a direct bearing on the kind and source of discharge to the sewers or waterways or facilities for waste treatment.

2. While performing the necessary work on private properties referred to in 6-2-7(1), the Superintendent or duly authorized employees of the City shall observe all safety rules applicable to the premises established by the company and the company shall be held harmless for injury or death to the City employees and the City shall indemnify the company against loss or damage to its property by the City employees and against liability claims and demands for personal injury or property damage asserted against the company and growing out of the gauging and sampling operation, except as such may be caused by negligence or failure of the company to maintain safe conditions as required in Section 6-2-5(8).

3. The Superintendent and other duly authorized employees of the City bearing proper credentials and identification shall be permitted to enter all private properties through which the City holds a duly negotiated easement for the purposes of, but not limited to, inspection, observation, measurement, sampling, repair, and maintenance of any portion of the sewage works lying within said easement. All entry and subsequent work, if any, on said easement, shall be done in full accordance with the terms of the duly negotiated easement pertaining to the private property involved.

6-2-8 PENALTIES.

1. Any person found to be violating any provision of this Ordinance except Section 6-2-6 shall be served by the City with written notice stating the nature of the violation and providing a reasonable time limit for the satisfactory correction thereof. The offender shall, within the period of time stated in such notice, permanently cease all violations.

2 Any person violating any of the provisions of this Ordinance is liable to the City for any expense, loss, or damage occasioned the City by reason of such violations.

Footnote: See 384.38(3) concerning establishing districts and connection fees (H.F. 2343, 1994 legislative session).

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TITLE VI PHYSICAL ENVIRONMENT

CHAPTER 3 UTILITIES – SEWER RATES

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|-------|---------------------------------|-------|----------------------------------|
| 6-3-1 | Sewer District Created | 6-3-6 | Provision Relating to Industrial |
| 6-3-2 | Sewer System Defined | | Discharge of Toxic or High |
| 6-3-3 | Who Shall Pay Rent | | Strength Wastewater |
| 6-3-4 | Rate of Rent and Manner of | | |
| 6-3-5 | Determination and Payment of | | |
| | Rent from Premises with Private | | |
| | Water Systems | | |

6-3-1 SEWER DISTRICT CREATED. One sewer district is hereby created which includes all of the City of Exira, Iowa.

6-3-2 SEWER SYSTEM DEFINED. For use within this chapter a “sewer system” is composed of main sewers, sewage pumping stations, treatment and disposal plants, lateral sewers, drainage conduits or channels, and sewer connections in public streets from private property.

6-3-3 WHO SHALL PAY RENT. Every person, firm, or corporation whose premises now or hereafter are directly or indirectly served by a connection to the city sewer system shall pay sewer rent to the city at the rate and manner provided in Section 6-3-4.
(Code of Iowa, Sec. 384.84(1))

6-3-4 RATE OF RENT AND MANNER OF PAYMENT. The rate of sewer rent shall be 35% of the monthly water bill per user.

The rent shall be paid with the water bill at the same time as payment of the water bill is due and under the same conditions as to penalty for late payment at the office of the City Clerk beginning with the next payment after the effective date of this ordinance or, if connection has not been made, after connection to the sewer system is made.

6-3-5 DETERMINATION AND PAYMENT OF RENT FROM PREMISES WITH PRIVATE WATER SYSTEMS. Users whose premises have private water systems shall pay rent in proportion to the water used and determined by the City Council either by an estimate agreed to by the user or by metering the water system.

The rates shall be the same as provided in Section 6-3-4 applied as if a city water bill were to be paid. Rent shall be paid at the same time and place as provided in Section 6-3-4.

6-3-6 PROVISIONS RELATING TO INDUSTRIAL DISCHARGE OF TOXIC OR HIGH STRENGTH WASTEWATER.

- A. SPECIAL RATES. Any user which discharges any toxic pollutants which cause an increase in the cost of managing the effluent or the sludge from the wastewater treatment works, or any user which discharges any substance which singly or by interaction with other substances causes identifiable increases in the cost of operation, maintenance, or replacement of the wastewater treatment works, shall pay for such increased costs. The charge to each such user shall be as determined by the City Council. Where, in the judgment of the superintendent and the Council, special conditions exist to the extent that the application of the sewer rental provided in 6-3-4 would be inequitable or unfair to either the City or the customer, a special rate shall be proposed by the superintendent of public utilities and submitted to the Council for approval by resolution.

- B. SPECIAL AGREEMENTS PERMITTED. No statement in these chapters shall be construed as preventing a special agreement, arrangement or contract between the Council and any industrial concern whereby an industrial waste of unusual strength or character may be accepted subject to special conditions, rate and cost as established by the Council.

- C. NOTIFICATION OF RATES. The City will notify each user at least annually in conjunction with a regular bill of the rate and that portion of the user charges which are attributable to operation and maintenance, including replacement of the wastewater treatment works. Any project related revenues (e.g., sale of sludge or effluent), will be used to offset the cost of the wastewater system operation and maintenance.

TITLE VI PHYSICAL ENVIRONMENT

CHAPTER 4 UTILITIES - WATER SYSTEM

6-4-1	Definitions	6-4-12	Completion by the City
6-4-2	Enforcement	6-4-13	Shutting off Water Supply
6-4-3	Adoption of State Plumbing Code	6-4-14	Disposition of Fees and Charges
6-4-4	License Required	6-4-15	Water Rates
6-4-5	Mandatory Connections	6-4-16	Consideration of Rate Increase
6-4-6	Permit	6-4-17	Residential Rental Property
6-4-7	Fee for Permit	6-4-18	Water Billing, Penalty
6-4-8	Water Supply Control	6-4-19	Discontinuing Service, Fees
6-4-9	Making the Connection	6-4-20	Meter Accuracy and Test
6-4-10	Excavations	6-4-21	Customer Guarantee Deposits
6-4-11	Inspection and Approval	6-4-22	Public Well Protection

6-4-1 DEFINITIONS. Unless the context specifically indicates otherwise, the meaning of terms used in this ordinance shall be as follows:

1. "Shallow Public Well" shall mean a public well located and constructed in such a manner that there is not a continuous layer of low permeability soil or rock at least five (5) feet thick located twenty-five (25) feet below the normal ground surface and above the aquifer from which the water is drawn.

2. "Deep Public Well" shall mean a public well located and constructed in such a manner that there is a continuous layer of low permeability soil or rock at least five (5) feet thick located at least twenty-five (25) feet below the normal ground surface and above the aquifer from which the water is drawn.

6-4-2 ENFORCEMENT. The Superintendent of public utilities shall supervise the installation of water service pipes and their connections to the water main and enforce all regulations pertaining to water services in this City in accordance with this chapter. This chapter shall apply to all replacements of existing service pipes as well as to new ones. The City Council shall make such rules, not in conflict with the provisions of this chapter, as needed for the detailed operation of the waterworks. In the event of an emergency the Superintendent may make temporary rules for the protection of the system until due consideration by the City Council may be had.

(Code of Iowa, Sec. 372.13(4))

6-4-3 ADOPTION OF STATE PLUMBING CODE. The installation of any water-service pipe and any connection with the municipal water system shall comply with all pertinent and applicable provisions, whether regulatory, procedural or enforcement provisions, of the State Plumbing Code as amended and as published by the Iowa Department of Public Health, which is hereby adopted. An official copy of the State Plumbing Code as adopted

and a certified copy of this Ordinance are on file in the office of the City Clerk for public inspection.

6-4-4 LICENSE REQUIRED. All installation of water service pipes and connections to the municipal water system shall be made by a plumber licensed by this City. The Superintendent shall have the power to suspend the license of any plumber for violation of any of the provisions of this Ordinance. A suspension, unless revoked, shall continue until the next regular meeting of the City Council. The Superintendent shall notify the plumber immediately by personal written notice of the suspension, the reasons for the suspension, and the time and place of the City Council meeting at which the plumber will be granted a hearing. At this City Council meeting the Superintendent shall make a written report to the City Council stating the Superintendent's reasons for the suspension, and the City Council, after fair hearing, shall revoke the suspension or take any further action that is necessary and proper.

6-4-5 MANDATORY CONNECTIONS. All residences and business establishments within the City limits intended or used for human habitation, occupancy or use shall be connected to the public water supply if it is reasonably available and if the building is not furnished with pure and wholesome water from some other source.

If the City's water system does not have installed at the time the application is made a water main abutting the property for which a connection is applied for, the City may, as a condition to granting said application, require the applicant to install a water main from a point on its present system to such point as it shall specify and in accordance with specifications provided by the City, and upon completion of the installation of said water main it shall become the property of the City. The applicant may certify to the City the cost of said water main, the total linear footage thereof and the cost per foot and shall specify the amount of said footage abutting their own property.

If thereafter application is made for a connection to the water main so installed and the cost thereof certified, said City shall pay the amount for each front foot of the property of such later applicant abutting on said water main which has been certified to the City as the cost to the installer for each foot of said water main, or such lesser amount as the Council shall determine is equitable, and upon receipt thereof, said sum shall be reimbursed to the installer of said water main or their assignees until said installer or their assignees have been reimbursed the full amount of the construction cost of said water main abutting properties other than their own.

In the alternative, the City may install such water main as necessary to extend water service to an applicant, and may charge all, or such part of, the cost thereof as it deems appropriate to the applicant, not to exceed the cost per linear foot of said water main to the City multiplied by the number of linear feet of the applicant's property abutting the street in which said water main is installed.

6-4-6 PERMIT. Before any person, firm, corporation or other association shall make a connection with the public water system, a written permit must be obtained from the

Superintendent. The application for the permit shall be filed with the Superintendent on blanks furnished by the Superintendent. The application shall include a legal description of the property, the name of the property owner, the name and address of the person who will do the work, and the general uses of the water. No different or additional uses shall be allowed except by written permission of the Superintendent. The Superintendent shall issue the permit, bearing the Superintendent's signature and stating the time of issuance, if the proposed work meets all the requirements of this Ordinance and if all fees required under this Ordinance have been paid. Work under any permit must be begun within six (6) months after it is issued. The Superintendent may at any time revoke the permit for any violation of this Ordinance and require that the work be stopped. The owner or plumber may appeal such action in the manner provided in Section 6-4-4 of this Ordinance.

(Code of Iowa, Sec. 372.13(4))

6-4-7 FEE FOR PERMIT. Before any permit is issued the person who makes the application shall pay \$25.00 to the City Clerk to cover the cost of issuing the permit and supervising, regulating and inspecting the work. The fee shall be established by Resolution. (See footnote at end of chapter.)

6-4-8 WATER SUPPLY CONTROL. The plumber who makes the connection to the municipal water system shall install a main shut-off valve of the inverted key type on the water-service pipe near the curb with a suitable lock of a pattern approved by the Superintendent. The shut-off valve shall be covered with a heavy metal cover having the letter "W" marked thereon, visible and even with the pavement or ground.

The plumber also shall install a shut-off valve and waste cock on every service pipe inside the building near the entrance of the water-service pipe into the building; this must be located so that the water can be shut off conveniently and the pipes drained. Where one service pipe is installed to supply more than one customer, there shall be separate shut-off valves inside the building for each customer so that service to one customer can be shut off without interfering with service to the others.

6-4-9 MAKING THE CONNECTION. Any connection with the municipal water system must be made under the direct supervision of the Superintendent or the Superintendent's authorized assistant. All taps in the water main must be at least (12) inches apart and on the side and near the top and not in any case within 18 inches of the hub.

(Code of Iowa, Sec. 372.13(4))

6-4-10 EXCAVATIONS. Excavations to do work under this Ordinance shall be dug so as to occasion the least possible inconvenience to the public and to provide for the passage of water along the gutter. All such excavations shall have proper barricades at all times, and warning lights placed from one-half hour before sunset to one-half hour after sunrise. In refilling the excavation the earth must be laid in layers and each layer tamped thoroughly to prevent settlement, and this work, and any street, sidewalk, pavement or other public property that is affected, must be restored to as good a condition as it was previous to the excavation. The plumber must maintain the affected area in good repair to the satisfaction of the City Council for three months after refilling. All water service pipes must be laid so

as to prevent rupture by settlement or freezing. No excavation shall be made within six (6) feet of any laid water or sewer pipe while the ground is frozen, and no water or sewer pipe shall be exposed to frost, except by special written permission of the Superintendent.

6-4-11 INSPECTION AND APPROVAL. All water-service pipes and their connections to the municipal water system must be inspected and approved in writing by the Superintendent before they are covered, and the Superintendent shall keep a record of such approvals. If the Superintendent refuses to approve the work, the plumber or owner must proceed immediately to correct the work so that it will meet with the Superintendent's approval. Every person who uses or intends to use the municipal water system shall permit the Superintendent or the Superintendent's authorized assistants to enter the premises to inspect and make necessary alterations or repairs at all reasonable hours and on proof of authority.

(Code of Iowa, Sec. 372.13(4))

6-4-12 COMPLETION BY THE CITY. Should any excavation be left open or partly refilled for twenty-four (24) hours after the water-service pipe is installed and connected with the municipal water system, or should the work be improperly done, the Superintendent shall have the right to finish or correct the work, and the City Council shall assess the costs to the property owner or the plumber. If the plumber is assessed, the plumber must pay the costs before the plumber can receive another permit, and the plumber's bond required by the Plumbing Ordinance shall be security for the assessment. If the property owner is assessed, such assessment shall be collected with and in the same manner as general property taxes.

(Code of Iowa, Sec. 364.12(3)(h))

6-4-13 SHUTTING OFF WATER SUPPLY. After giving reasonable notice as described in Section 6-4-18(1), the Superintendent may shut off the supply of water to any customer because of any substantial violation of this chapter. The supply shall not be turned on again until all violations have been corrected and the superintendent has ordered the water to be turned on. The City reserves the right to cut off supply of water at any time, in which case such notice as is practicable shall be given to all affected water users.

6-4-14 DISPOSITION OF FEES AND CHARGES. All money received under this chapter shall be deposited in the City Treasury not later than the last day of the month in which it was received and written report of the amount and source of the fees and charges shall be filed with the Clerk.

6-4-15 WATER RATES. Water shall be furnished at the following monthly rates per user within the City limits:

All users, commercial and non-commercial:

A minimum fee of \$16.00 per month if their water connection is within the Exira City limits and an additional \$3.50 per thousand gallons or part thereof for all water used in excess of 2,500 gallons per month.

A minimum fee of \$26.00 per month if their water connection is outside the Exira City limits and an additional \$4.00 per thousand gallons or part thereof for all water used in excess of 2,500 gallons per month.

6-4-16 CONSIDERATION OF RATE INCREASE. Beginning July 1, 2006, the City Council will annually consider raising water rates by 3%. The rate increase will be considered to keep up with the rising costs of operation and inflation. The Council is not required to raise rates on an annual basis, but shall annually determine if conditions warrant such an increase.

6-4-17 RESIDENTIAL RENTAL PROPERTY. For residential rental property where a charge for water service is separately metered and paid directly by the tenant, the rental property is exempt from a lien for those delinquent charges incurred after the landlord gives written notice to the City that the tenant is liable for the charges and deposit not exceeding the usual cost of ninety days of water service is paid to the utility. Upon receipt, the City shall acknowledge the notice and deposit. A written notice shall contain the name of the tenant responsible for the charges, address of the property that the tenant is to occupy, and the date that the occupancy begins. A change in tenant shall require a new written notice and deposit. When the tenant moves from the rental property, the City shall return the deposit if the water service charges are paid in full and the lien exemption shall be lifted from the rental property. The lien exemption for rental property does not apply to charges for repairs to a water service if the repair charges become delinquent.

(Code of Iowa, Sec. 384.84(2))

6-4-18 WATER BILLING, PENALTY. Water bills shall be due on the first of the month following the period for which service is billed. Payment shall be made to the City Clerk. Bills shall become delinquent after the fifteenth of the month in which due and bills paid after said day shall have added penalty of five (5) percent the amount of the bill for water service. When the fifteenth falls on Saturday or Sunday, the Clerk shall accept payment on the next office day without penalty.

(Code of Iowa, Sec. 384.84(1))

6-4-19 DISCONTINUING SERVICE, FEES.

1. If any account is not paid within thirty days from the end of any given period, the service to such owner or person so supplied with the utility shall be discontinued after the following procedures have been complied with:

a. The City Clerk shall send a disconnect or discontinuance notice by ordinary mail providing the following notice to customers: "You are advised that you may request a hearing on this matter to the City Clerk by noon on the day preceding the scheduled shut-off date or discontinuance of service."

b. When a hearing is requested by a customer, the Mayor or the Mayor's designee shall conduct a hearing within two (2) days following the request. The customer shall have the right to present evidence or propose a payment plan. The decision of the Mayor is final.

2. If service is discontinued for nonpayment of fees and charges, or for the violation of any Ordinance, a fee of \$20.00 shall be paid to the City Clerk in addition to the rates or charges then due before such service is restored. If any such service charge is not paid within sixty (60) days from the date it is due, the same shall constitute a lien upon the premises served by said municipal system, which said lien shall be collected in the same manner as taxes.

(Code of Iowa, Sec. 384.84(2))

6-4-20 METER ACCURACY AND TEST. All water shall be supplied through meters that accurately measure the amount of water supplied to any building. The Superintendent or the Superintendent's assistant shall make a test of the accuracy of any water meter at any time when requested in writing. If it is found that such meter overruns to the extent of fifty (50) percent or more, the cost of the tests shall be paid by the City and a refund shall be made to the customer for overcharges collected since the last known date of accuracy but not for longer than four (4) months. If the meter is found to be accurate or slow less than fifty (50) percent fast, the patron shall pay the reasonable costs of the tests.

Compulsory Check. Every meter shall be removed from service at least once each ten (10) years and thoroughly tested for accuracy. Any meter found inaccurate beyond a tolerance of ten (10) percent shall not be returned to service until properly adjusted.

6-4-21 CUSTOMER GUARANTEE DEPOSITS. Customer deposits shall be required of all customers who are tenants, or others having no established credit record, and of those who have an unacceptable credit record or who have a prior record of failure to pay water bills rendered. Such deposit shall be equal to the estimated typical bill for the type of use contracted for, and be set to the nearest five (\$5.00) dollars. Deposits of customers having established acceptable credit records for three (3) years shall have their deposits returned. An occurrence or recurrence of a bad payment record may be the occasion for the City Clerk to require a new or larger deposit for the continuation of service.

(Code of Iowa, Sec. 384.84(1))

6-4-22 PUBLIC WELL PROTECTION.

A. Shallow well protection. No structures, facilities, or activities of the following enumerated types shall be located or occur within the distances hereinafter set forth for each structure or facility, from a shallow public well within the City of Exira.

1. Well house flood drains – 5 feet
2. Water treatment plant wastes – 50 feet
3. Sanitary and industrial discharges – 200 feet
4. Floor drains from pump house to surface:
 - a. None within 5 feet;
 - b. 5 to 10 feet- water main materials enclosed in concrete permitted;

- c. 10 to 25 feet – must be water main materials;
 - d. 25 to 75 feet – must be watertight sewer pipe;
- 5. Floor drains to sewer, water plant wastes, storm or sanitary sewers or drains:
 - a. None permitted within 25 feet;
 - b. 25 to 75 feet – must be water main material;
 - c. 75 to 200 feet – must be watertight sewer pipe;
- 6. Force mains:
 - a. None permitted within 75 feet;
 - b. 75 to 400 feet – must be water main materials;
- 7. Land application of solid waste – 200 feet
- 8. Irrigation of wastewater – 200 feet
- 9. Concrete vaults and septic tanks – 200 feet
- 10. Mechanical wastewater treatment plants – 400 feet
- 11. Cesspools and earth pit privies – 400 feet
- 12. Soil absorption fields – 400 feet
- 13. Lagoons – 1,000 feet
- 14. Chemicals:
 - a. Application to ground surface – 200 feet;
 - b. Above ground storage – 200 feet;
 - c. On or underground storage – 200 feet
- 15. Animal pasturage – 50 feet
- 16. Animal enclosure – 200 feet
- 17. Animal wastes:
 - a. Land application of solids – 200 feet;
 - b. Land application of liquid or slurry – 200 feet;
 - c. Storage tank – 200 feet;
 - d. Solids stockpile – 400 feet;
 - e. Storage basin or lagoon – 400 feet;
- 18. Earthen silage storage trench or pit – 200 feet
- 19. Basements, pits, sumps – 10 feet
- 20. Flowing streams or other surface water bodies – 50 feet
- 21. Cisterns – 100 feet
- 22. Cemeteries – 200 feet
- 23. Private wells – 400 feet
- 24. Solid waste disposal sites – 1,000 feet

B. Deep Well Protection. No structures, facilities, or activities of the following enumerated types shall be located or occur within the distances hereinafter set forth for each structure or facility, from a deep public well within the City of Exira.

1. Well house flood drains – 5 feet
2. Water treatment plant wastes – 50 feet
3. Sanitary and industrial discharges – 400 feet
4. Floor drains from pump house to surface:
 - a. None within 5 feet;
 - b. 5 to 10 feet- water main materials enclosed in concrete permitted;
 - c. 10 to 25 feet – must be water main materials;
 - d. 25 to 75 feet – must be watertight sewer pipe;
5. Floor drains to sewer, water plant wastes, storm or sanitary sewers or drains:
 - a. None permitted within 25 feet;
 - b. 25 to 75 feet – must be water main material;
 - c. 75 to 200 feet – must be watertight sewer pipe;
6. Force mains:
 - a. None permitted within 75 feet;
 - b. 75 to 400 feet – must be water main materials;
7. Land application of solid waste – 100 feet
8. Irrigation of wastewater – 100 feet
9. Concrete vaults and septic tanks – 100 feet
10. Mechanical wastewater treatment plants – 200 feet
11. Cesspools and earth pit privies – 200 feet
12. Soil absorption fields – 200 feet
13. Lagoons – 400 feet
14. Chemicals:
 - c. Application to ground surface – 100 feet;
 - d. Above ground storage – 100 feet;
 - e. On or underground storage – 200 feet
15. Animal pasturage – 50 feet
16. Animal enclosure – 100 feet
17. Animal wastes:
 - f. Land application of solids – 100 feet;
 - g. Land application of liquid or slurry – 100 feet;
 - h. Storage tank – 100 feet;
 - i. Solids stockpile – 200 feet;
 - j. Storage basin or lagoon – 400 feet;

18. Earthen silage storage trench or pit – 100 feet
19. Basements, pits, sumps – 10 feet
20. Flowing streams or other surface water bodies – 50 feet
21. Cisterns – 50 feet
22. Cemeteries – 200 feet
23. Private wells – 200 feet
24. Solid waste disposal sites – 1,000 feet

C. Nonconforming Uses. The use of structures or facilities existing at the date of adoption of this ordinance may be continued even though such use may not conform with the regulations of this article. However, such structures or facilities which are not in conformance with the terms of this ordinance may not be enlarged, reconstructed, remodeled, or substituted subsequent to the date of the adoption of this ordinance.

Footnote: See 384.38(3) concerning establishing districts and connection fees (H.F. 2343, 1994 legislative session).

TITLE VI PHYSICAL ENVIRONMENT

CHAPTER 5 UTILITIES - REFUSE COLLECTION

6-5-1	Definitions	6-5-8	Refuse Other Than Garbage
6-5-2	Duty to Provide Cans	6-5-9	Collection of Fees
6-5-3	Administration	6-5-10	Sanitary Landfill
6-5-4	Storage	6-5-11	Schedule of Fees
6-5-5	Collections	6-5-12	Fees Due
6-5-6	Necessity of Permits	6-5-13	Discontinuing Service, Fees
6-5-7	Burning of Refuse		

6-5-1 DEFINITIONS. For use in this chapter, the following terms are defined as follows:

1. "Refuse". Includes all garbage, rubbish, ashes, or other substances offensive to sight or smell, dangerous to the public health or detrimental to the best interests of the community except dead animals not killed for food.

2. "Garbage". Includes all animal, fruit, vegetable, and other refuse resulting from the preparation of food and drink.

3. "Rubbish". Includes all other refuse not falling within the term "garbage" except those objects too large to be placed in cans.

4. "Can". Means a container for the storage of garbage or rubbish which is:

- a. Provided with a handle and tight fitting cover.
- b. Made of non-corrosive material.
- c. Water-tight.
- d. Of a size that may be conveniently handled by the collector.

5. "Yard waste". Includes leaves, branches, twigs, tree trimmings, brush, grass clippings, stalks, flowers, straw and garden debris.

6-5-2 DUTY TO PROVIDE CANS. Each person shall provide cans or approved containers for the storage of garbage and rubbish accumulating on the premises owned or occupied by such owner. Such cans or containers shall be kept covered and reasonably clean at all times. They shall be in a position readily accessible to the collector.

It shall be the duty of the owner of each household residing in a building arranged for more than one family unit to provide proper cans for garbage and rubbish.

6-5-3 ADMINISTRATION. Administration of this chapter shall be by the Superintendent of Public Works, or such employee designated by the Superintendent.

(Code of Iowa, Sec. 372.13(4))

6-5-4 STORAGE. All garbage must be drained and that accumulated from dwellings must be wrapped in paper and placed in a can. All rubbish shall be placed in a can except as otherwise provided.

6-5-5 COLLECTIONS. All garbage and rubbish shall be taken from dwellings at least once each week and from public establishments as frequently as the City Council may require.

All cans for garbage and rubbish shall be kept as provided in the rules and regulations for collection of refuse.

6-5-6 NECESSITY OF PERMIT. No person shall collect garbage or rubbish except such person's unless otherwise by contract or permit approved by the Superintendent of Public Works and issued by the Clerk.

In the event any business, firm, or corporation may elect to dispose of refuse or waste matter as may accumulate on any premises, property, or location, the same may be done provided that such disposal and transporting of any refuse or waste matter complies with the provisions of this chapter, is approved by the City and a permit issued by the Clerk.

6-5-7 BURNING OF REFUSE.

1. It shall be unlawful for any person to burn or incinerate any garbage, rubbish, refuse, deteriorated buildings, or yard waste within the City except by permission of the City Council.

2. This section shall not apply to any incinerator operated under a license granted by the City or any burning conducted under the direction of the fire department for training purposes.

3. This section shall not apply to outdoor cooking appliances used for residential recreational purposes using commonly acceptable fuels.

4. This section shall not apply to outdoor fireplaces in which firewood is the only material being burnt. Burning of yard waste in outdoor fireplaces is prohibited.

6-5-8 REFUSE OTHER THAN GARBAGE. Each person shall dispose of all refuse other than garbage and rubbish accumulation on the premises such person owns or occupies before it becomes a nuisance. If it does become a nuisance, it shall be subject to provisions of Title III, Chapter 2 of this Code.

6-5-9 COLLECTION OF FEES. The office of the Clerk is hereby authorized and directed to render bills and collect fees or service charges for garbage and refuse collection in accordance with the fees established by ordinance, and the procedure for collecting same as established by ordinance.

(Code of Iowa, Sec. 384.84(1))

6-5-10 SANITARY LANDFILL. The City Council by resolution may designate a sanitary landfill and establish reasonable rules and regulations necessary to control its use by the public and make charge for the use thereof.

6-5-11 SCHEDULE OF FEES. There shall be collected by the City for its services in collecting garbage and rubbish, the following mandatory fees:

1. Residence Rate. For each resident with alley or curb pick-up, \$16.00 per month for one garbage or rubbish collection each week. In the event that alley or curb pick-up for any residence is not feasible, the Superintendent of Public Works is hereby empowered to enter into an agreement with such resident for any additional charge to be paid by such resident for any other location of pick-up that may be agreed upon.

2. Commercial Rate. Rates for commercial establishments shall be established by the City Council.

(Code of Iowa, Sec. 384.84(1))

3. Late Fee. Any such fee not paid by the fifteenth (15th) of the month in which it is due shall be subject to an additional charge of \$.50 for each calendar month said payment is delinquent.

6-5-12 FEES DUE. All refuse collection charges shall be paid to the City on a monthly billing.

6-5-13 DISCONTINUING SERVICE, FEES.

1. If any account is not paid within thirty days from the end of any given period, the service to such owner, tenant, or person so supplied with refuse collection shall be discontinued after the following procedures have been complied with:

a. The City Clerk shall send a disconnect or discontinuance notice by ordinary mail providing the following notice to customers: "You are advised that you may request a hearing on this matter to the City Clerk by noon on the day preceding the scheduled shut-off date or discontinuance of service."

b. When a hearing is requested by a customer, the Superintendent or the Superintendent's designee shall conduct a hearing within two (2) days following the request. The customer shall have the right to present evidence or propose a payment plan. The decision of the Superintendent is final.

2. If refuse collection is discontinued for non-payment of fees and charges, or for the violation of any ordinance, a fee of \$10 shall be paid to the Clerk in addition to the rates or charges then due before such service is restored. If any such refuse collection charge is not paid within sixty (60) days from the date it is due, the same shall constitute a lien upon the premises served by said municipal refuse collection system, which said lien shall be collected in the same manner as taxes.

(Code of Iowa, Sec. 384.84(2))

3. If a tenant or tenants of a rental residential property fail to pay fees for garbage collection, the owner of the property shall be held responsible. Payment of the fees shall be handled in the same manner as described in this chapter. If fees are delinquent, the City will address the situation in the same manner as described in 1(a), 1(b), and 2 of this section.

TITLE VI PHYSICAL ENVIRONMENT

CHAPTER 6 STREET CUTS AND EXCAVATIONS

- | | | | |
|-------|----------------------------|-------|-----------------------------|
| 6-6-1 | Excavation Permit Required | 6-6-4 | Safety Measures |
| 6-6-2 | Application for Permit | 6-6-5 | Backfilling and Restoration |
| 6-6-3 | Permit Fees | 6-6-6 | Rules and Regulations |

6-6-1 EXCAVATION PERMIT REQUIRED. Excavating within the right-of-way of public streets and alleys, and of public grounds, and the cutting of surfacing or pavings of the traveled way therein, shall not be done by any person, firm, association, or corporation without obtaining a permit from the City Clerk.

(Code of Iowa, Sec. 364.12(2))

6-6-2 APPLICATION FOR PERMIT. No person shall commence excavation in any public street or public ground until that person has applied to the City Clerk for an excavation permit. Such application shall indicate the location of the excavation, the name and address of the applicant who is to do the work, whether public liability insurance is in force, and that the applicant has checked the underground map of all utilities, and other owners of underground facilities, and that the applicant has notified those persons or companies of the time that excavation will commence. The making of an application shall be deemed notice to the City of the plan to cut the street surfacing or pavements, and to obstruct the public way. Such permits shall not be valid until six hours after receipt unless the Clerk waives this requirement.

In an emergency, authorized persons or companies may commence excavations provided that they shall have made a reasonable effort to inform the City and the utilities whose underground utilities might be involved in any way, and those involved in the excavation shall make written application at the earliest practicable moment. The Clerk may provide on the form for the certification that the applicant has notified all utilities and other parties required by this Ordinance.

6-6-3 PERMIT FEES. The permit fee shall be \$15.00 for the cost of each inspection. A single excavation shall be deemed to constitute all the digging necessary for a single connection, or a cut for installing a main not exceeding 100 feet in length. An additional fee of \$15.00 shall be required for every additional 100 feet, or major fraction thereof, of main excavation.

6-6-4 SAFETY MEASURES. Any person, firm, or corporation cutting a pavement or surfacing or excavating in the streets shall erect suitable barricades, maintain warning lights from sunset to sunrise each night, and take such other precautions as necessary for the safety of the public, whether vehicles or pedestrians. Vehicles, equipment, materials, excavated material, and similar items shall likewise be protected by lights and warning devices, such as traffic cones, flags, etc. Where traffic conditions warrant, the party

excavating may be required to provide flagmen, if in the judgment of the Chief of Police the public safety requires it. Compliance with City Ordinances and regulations shall not be deemed to waive the requirements that the party excavating shall comply with all the requirements of the labor safety laws and the rules of the Iowa Department of Labor, nor shall any failure be deemed a responsibility of the City.

6-6-5 BACKFILLING AND RESTORATION. Any person excavating in the streets shall be responsible for the backfilling of the excavation in accordance with City specifications and the restoration of the pavement or surfacing to as good a condition as that existing prior to the excavation. If any excavator fails to backfill or restore the pavement or surfacing properly within forty-eight hours of the completion of the underground work, the City reserves the right to backfill and resurface or install new paving and charge the cost thereof to the party excavating. If any backfilling or pavement or surfacing restoration is not in accordance with the City specifications, the City is authorized to remove such material as is necessary and to backfill and restore the pavement or surfacing properly.

6-6-6 RULES AND REGULATIONS. The City Council may by resolution establish such rules and regulations for the manner of making cuts and related matters involving excavations.

TITLE VI PHYSICAL ENVIRONMENT

CHAPTER 7 SUBDIVISION REGULATIONS

GENERAL PROVISIONS

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- 6-7-2 Purpose
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- 6-7-5 Terms Defined

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- 6-7-12 Procedures and Submission Requirements for Plats
- 6-7-13 Pre-Application Conference
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- 6-7-16 Subdivision Classified
- 6-7-17 Plats Required
- 6-7-18 Requirements of Preliminary Plat
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OTHER PROVISIONS

- 6-7-27 Variances
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GENERAL PROVISIONS

6-7-1 **SHORT TITLE.** This chapter shall be known and may be cited as "The City of Exira, Iowa, Subdivision Control Ordinance."

6-7-2 **PURPOSE.** The purpose of this Ordinance is to provide minimum standards for the design, development and improvement of all new subdivisions and resubdivisions of land, so that existing developments will be protected, and so that adequate provisions are made for public facilities and services, and so that growth occurs in an orderly manner, consistent with the Comprehensive Plan, and to promote the public health, safety and general welfare of the citizens of the City of Exira, Iowa.

(Code of Iowa, Sec. 354.1 and 364.1)

6-7-3 APPLICATION. Every owner who divides any original parcel of land, forty (40) acres or part thereof, entered of record in the office of the County Recorder as a single lot, parcel or tract on or before the effective date of the original Subdivision Ordinance, into three or more lots, parcels, or tracts for the purpose, whether immediate or future, of laying out an addition, subdivision, building lot or lots, acreage or suburban lots, transfer of ownership or building development within the City or within two (2) miles of the corporate limits of the City shall cause plats of such area to be made in the form, and containing the information, as hereinafter set forth before selling any lots therein contained or placing the plat on record.

(Code of Iowa, Sec. 354.9)

6-7-4 RECORDING OF PLAT. No subdivision plat, resubdivision plat or street dedication within the City of Exira, Iowa, or within two (2) miles of the corporate limits of the City as recorded in the office of the County Recorder and filed with the County Auditor, as provided in Section 354.9, Code of Iowa, shall be filed for record with the County Recorder, or recorded by the County Recorder, until a final plat of such subdivision, resubdivision, or street dedication has been reviewed and approved in accordance with the provisions of this Ordinance.

Upon the approval of the final plat by the governing body, it shall be the duty of the subdivider to immediately file such plat with the County Auditor and County Recorder, as required by law. Such approval shall be revocable after thirty (30) days, unless such plat has been duly recorded and evidence thereof filed with the City Clerk within such thirty (30) days.

(Code of Iowa, Sec. 354.9)

DEFINITIONS

6-7-5 TERMS DEFINED. For the purposes of this Ordinance, certain words herein shall be defined as and interpreted as follows. Words used in the present tense shall include the future, the singular shall include the plural, the plural shall include the singular, the term "shall" is always mandatory, and the term "may" is permissive.

1. "Acquisition Plat" means the graphical representation of the division of land or rights in land, created as the result of a conveyance or condemnation for right-of-way purposes by an agency of the government or other persons having the power of eminent domain.

(Code of Iowa, Sec. 354.2(1))

2. "Aliquot Part" means a fractional part of a section within the United States public land survey system. Only the fractional parts one-half, one-quarter, one-half of one-quarter, or one-quarter of one quarter shall be considered an aliquot part of a section.

(Code of Iowa, Sec. 354.2(2))

3. "Alley" means public property dedicated to public use primarily for vehicular access to the back or side of properties otherwise abutting on a street.

4. "Auditor's Plat" means a subdivision plat required by either the Auditor or the Assessor, prepared by a surveyor under the direction of the auditor.

(Code of Iowa, Sec. 354.2(3))

5. "Block" means an area of land within a subdivision that is entirely bounded by streets, railroad rights-of-way, rivers, tracts of public land, or the boundary of the subdivision.

6. "Building Lines" means a line on a plat between which line and public right-of-way no building or structures may be erected.

7. "City Engineer" means the professional engineer registered in the State of Iowa designated as City Engineer by the governing body or other hiring authority.

8. "Comprehensive Plan" means the general plan for the development of the community, that may be titled master plan, comprehensive plan or some other title, which plan has been adopted by the governing body. Such "Comprehensive Plan" shall include any part of such plan separately adopted, and any amendment to such plan or parts thereof.

9. "Conveyance" means an instrument filed with a Recorder as evidence of the transfer of title to land, including any form of deed or contract.

(Code of Iowa, Sec. 354.2(4))

10. "Cul-de-Sac" means a street having one end connecting to another street, and the other end terminated by a vehicular turn around.

11. "Division" means dividing a tract or parcel of land into two parcels of land by conveyance or for tax purposes. The conveyance of an easement, other than public highway easement, shall not be considered a division for the purpose of this chapter.

(Code of Iowa, Sec. 354.2(5) and 355.1(2))

12. "Easement" means an authorization by a property owner for another to use a designated part of said owner's property for a specified purpose.

13. "Flood Hazard Area" means any area subject to flooding by a one percent (1%) probability flood, otherwise referred to as a one hundred (100) year flood; as designated by the Iowa Department of Natural Resources or the Federal Emergency Management Agency.

14. "Floodway" means the channel of a river or other watercourse and the adjacent lands that must be reserved in order to discharge the waters of a one hundred (100) year flood without cumulatively raising the waterway surface elevation more than one (1) foot.

15. "Forty-Acre Aliquot Part" means one-quarter of one-quarter of a section.
(Code of Iowa, Sec. 354.2(6))

16. "Governing Body" means the City Council of the City of Exira, Iowa.
(Code of Iowa, Sec. 354.2(7))

17. "Government Lot" means a tract, within a section, that is normally described by a lot number as represented and identified on the township plat of the United States public land survey system.

(Code of Iowa, Sec. 354.2(8) and 355.1(3))

18. "Improvements" means changes to land necessary to prepare it for building sites including but not limited to grading, filling, street paving, curb paving, sidewalks, walk ways, water mains, sewers, drainageways, and other public works and appurtenances.

19. "Lot" means a tract of land represented and identified by number or letter designation on an official plat.

(Code of Iowa, Sec. 354.2(9))

20. "Lot, Corner". The term "corner lot" means a lot situated at the intersection of two streets.

21. "Lot, Double Frontage". The term "double frontage lot" means any lot that is not a corner lot that abuts two streets.

22. "Metes and Bounds Description" means a description of land that uses distances and angles, uses distances and bearings, or describes the boundaries of the parcel by reference to physical features of the land.

(Code of Iowa, Sec. 354.2(10))

23. "Official Plat" means either an auditor's plat or a subdivision plat that meets the requirements of this chapter and has been filed for record in the offices of the Recorder, Auditor, and Assessor.

(Code of Iowa, Sec. 354.2(11))

24. "Original Parcel" means forty acres or part thereof entered of record in the office of the County Recorder as a single lot or parcel on or before the date of the original Subdivision Ordinance.

25. "Owner" means the legal entity holding title to the property being subdivided, or such representative or agent as is fully empowered to act on its behalf.

26. "Parcel" means a part of a tract of land.

(Code of Iowa, Sec. 354.2(12))

27. "Performance Bond" means a surety bond or cash deposit made out to the City of Exira, Iowa, in an amount equal to the full cost of the improvements which are required by this Ordinance, said cost estimated by the City and said surety bond or cash bond being legally sufficient to secure to the City that the said improvements will be constructed in accordance with this Ordinance.

28. "Permanent Real Estate Index Number" means a unique number or combination of numbers assigned to a parcel of land pursuant to Section 441.29 of the Code of Iowa.
(Code of Iowa, Sec. 354.2(13))

29. "Planning Commission" means the appointed commission designed by the governing body for the purpose of this Ordinance, and may also be the Zoning Commission, in which case such commission shall be known as the Planning and Zoning Commission.

30. "Plat" means a map drawing, or chart on which a subdivider's plan for the subdivision of land is presented, that said subdivider submits for approval and intends, in final form, to record.

31. "Plats Officer" means the individual assigned the duty to administer this Ordinance by the governing body or other appointing authority.

32. "Plat of Survey" means the graphical representation of a survey of one or more parcels of land, including a complete and accurate description of each parcel within the plat, prepared by a registered land surveyor.
(Code of Iowa, Sec. 354.2(14) and 355.1(9))

33. "Proprietor" means a person who has a recorded interest in land, including a person selling or buying land pursuant to a contract, but excluding persons holding mortgage, easement, or lien interest.
(Code of Iowa, Sec. 354.2(15))

34. "Resubdivision" means any subdivision of land that has previously been included in a recorded plat. In appropriate context it may be a verb referring to the act of preparing a plat of previously subdivided land.

35. "Street" means public property, not an alley, intended for vehicular circulation. In appropriate context the term "street" may refer to the right-of-way bounded by the property lines of such public property, or may refer to the paving installed within such right-of-way.

36. "Street, Arterial" means a street primarily intended to carry traffic from one part of the City to another, and not intended to provide access to abutting property.

37. "Street, Collector" means a street primarily designed to connect smaller areas of the community, and to carry traffic from local streets to arterial streets.

38. "Street, Local" means a street primarily designed to provide access to abutting property.

39. "Subdivider" means the owner of the property being subdivided, or such other person or entity empowered to act on the owner's behalf.

40. "Subdivision" means the accumulative effect of dividing an original lot, tract, or parcel of land, as of the effective date of the Subdivision Ordinance, into three (3) or more lots for the purpose of immediate or future sale or transfer for development purposes excluding public roadways, public utility extensions, and land taken by condemnation. The term includes a resubdivision or replatting. When appropriate to the context, the word may relate to the process of subdividing or the land subdivided.

Any person not in compliance with the provisions of the subdivision definition at the time of its effective date, shall not be required to comply with such provisions unless or until a new division, re-subdivision or replatting occurs following that effective date.

(Code of Iowa, Sec. 354.2(16) and 355.1(10))

41. "Subdivision Plat" means the graphical representation of the subdivision of land, prepared by a registered land surveyor, having a number or letter designation for each lot within the plat and succinct name or title that is unique for the county where the land is located.

(Code of Iowa, Sec. 354.2(17) and 355.1(11))

42. "Surveyor" means a registered land surveyor who engages in the practice of land surveying pursuant to Chapter 542B of the Code of Iowa.

(Code of Iowa, Sec. 354.2(18) and 355.1(12))

43. "Tract" means an aliquot part of a section, a lot within an official plat, or a government lot.

(Code of Iowa, Sec. 354.2(19))

44. "Utilities" means systems for the distribution or collection of water, gas, electricity, wastewater, and storm water.

IMPROVEMENTS

6-7-6 IMPROVEMENTS REQUIRED. The subdivider shall, at said subdivider's expense, install and construct all improvements required by this Ordinance. All required improvements shall be installed and constructed in accordance with the design standards established for such improvements by the City, and as shown on the approved preliminary plat.

6-7-7 INSPECTION. All improvements shall be inspected to insure compliance with the requirements of this Ordinance. The cost of such inspection shall be borne by the subdivider and shall be the actual cost of the inspection to the City.

6-7-8 MINIMUM IMPROVEMENTS. The improvements set forth below shall be considered the minimum improvements necessary to protect the public health, safety and welfare.

(Code of Iowa, Sec. 364.1)

1. Streets and alleys. All streets and alleys within the platted area which are dedicated for public use shall be brought to the grade approved by the governing body after receiving the report and recommendations of the City Engineer.

2. Roadways. All roadways shall be surfaced with portland cement concrete or with asphaltic concrete over a crushed stone base as the governing body may require.

3. Curb and Gutter. Curb and gutter shall be required on all streets. All curb and gutter shall be constructed to the grade approved by the governing body after receiving the report and recommendations of the City Engineer. Newly constructed curbs and gutters shall comply with the Americans With Disabilities Guidelines (ADAAG).

4. Sidewalks. Sidewalks may be required by the governing body if they are considered necessary for the general welfare and safety of the community. Sidewalks shall be constructed to the grade approved by the governing body after receiving the report and recommendations of the City Engineer.

5. Water lines. Where a public water main is reasonably accessible, the subdivider shall connect with such water main and provide a water connection for each lot with service pipe installed to the property line in accordance with the City Water Department standards, procedures and supervision.

6. Sewers.

a. Where a public sanitary sewer is reasonably accessible, the subdivider shall connect or provide for the connection with such sanitary sewer and shall provide within the subdivision the sanitary sewer system as required to make the sewer accessible to each lot in the subdivision. Sanitary sewers shall be stubbed into each lot. Sewer systems shall be approved by the governing body and the State Department of Health and the construction subject to the supervision of the Superintendent of public utilities.

b. Where sanitary sewers are not available, other facilities, as approved by the governing body and the State Department of Health must be provided for the adequate disposal of sanitary wastes.

c. Adequate provisions shall be made for the disposal of storm waters, subject to the approval of the governing body and to the supervision of the Superintendent of public utilities.

6-7-9 COMPLETION OF IMPROVEMENTS. Before the governing body shall approve the final plat, all of the foregoing improvements shall be constructed and accepted by formal resolution of the governing body. Before passage of said resolution of acceptance, the Superintendent of public works shall report that said improvements meet all City specifications and Ordinances or other City requirements, and the agreements between subdivider and the City.

6-7-10 PERFORMANCE BOND. The completion requirement may be waived in whole or in part if the subdivider will post a performance bond with the governing body guaranteeing that improvements not completed will be constructed within a period of one (1) year from final acceptance of the plat, but final acceptance of the plat will not constitute final acceptance by the City of any improvements to be constructed. Improvements will be accepted only after their construction has been completed, and no public funds will be expended in the subdivision until such improvements have been completed and accepted by the City.

MINIMUM STANDARDS FOR THE DESIGN OF SUBDIVISIONS.

6-7-11 MINIMUM STANDARDS. The following standards shall be considered the minimum standards necessary to protect the public health, safety, and general welfare.

1. Relation to existing streets.

a. The arrangement, character, extent, width, grade and location of all streets shall be considered in their relation to existing and planned streets, to topographic conditions, to public convenience and safety, and in their appropriate relation to the proposed uses of the land to be served by such streets.

b. The arrangement of streets in a subdivision shall either provide for the continuation of appropriate projection of existing principal streets in surrounding areas or conform to a plat for the neighborhood approved by the governing body to meet a particular situation where topographical or other conditions made continuance or conformance to existing streets impracticable.

2. Acreage subdivisions.

a. Where the plat submitted covers only a part of the subdivider's plat, a sketch of the prospective future system of the unsubmitted part shall be furnished and the street system of the part submitted shall be considered in the light of adjustments in connection with the street system of the part not submitted.

b. Where the parcel is subdivided into larger tracts than for building lots such parcels shall be divided so as to allow for the opening of major streets and the ultimate extension of adjacent minor streets.

c. Subdivisions showing unplatted strips or private streets controlling access to public ways will not receive approval.

3. Local streets.

a. Local streets shall be so planned as to discourage through traffic.

b. Cul-de-sac streets are permitted where topography and other conditions justify their use. Such streets shall not be longer than five hundred (500) feet and shall terminate with a turn-around, having an outside roadway diameter of at least eighty (80) feet and a street property line diameter of at least one hundred (100) feet. The right-of-way width of the straight portion of such streets shall be a minimum of fifty (50) feet. The property line at the intersection of the turn-around and the straight portion of the street shall be rounded at a radius of not less than twenty (20) feet.

4. Frontage streets.

a. Where a subdivision abuts or contains an existing or proposed arterial street, the governing body may require marginal access streets, reverse frontage with screen planting contained in a nonaccess reservation along the rear property line, deep lots with rear service alleys, or such other treatment as may be necessary for adequate protection of residential properties and to afford separation of through and local traffic.

b. Where a subdivision borders on or contains a railroad right-of-way or limited access highway right-of-way, the governing body may require a street approximately parallel to and on each side of such right-of-way, at a distance suitable for the appropriate use of the intervening land, as for park purposes in residential districts. Such distances shall also be determined with due regard for the requirements of approach grades and future grade separations.

5. Half-streets. Half-streets shall be prohibited except where essential to the reasonable development of the subdivision in conformity with the other requirements of these regulations, and where the governing body finds it will be practicable to require the dedication of the other half when the adjoining property is subdivided. Wherever a half-street is adjacent to a tract to be subdivided, the other half of the street shall be platted within such tract.

6. Street Geometrics.

a. Street jogs with centerline offsets of less than one hundred twenty-five (125) feet shall be avoided.

b. A tangent at least one hundred (100) feet long shall be introduced between reverse curves on arterial and collector streets.

c. When connecting street lines deflect from each other at any one point by more than ten (10) degrees, they shall be connected by a curve with a radius adequate to insure a sight distance of not less than two hundred (200) feet for minor and collector streets, and of such greater radii as the governing body shall determine for special cases.

7. Intersections.

a. Insofar as is practical, acute angles between streets at their intersection are to be avoided.

b. Streets shall be laid out so as to intersect as nearly as possible at right angles and no street shall intersect any other street at less than sixty (60) degrees.

c. Property lines at street intersections shall be rounded with a radius of ten (10) feet, or of a greater radius where the governing body may deem it necessary. The governing body may permit comparable cutoffs or chords in place of rounded corners.

8. Street names. Streets that are in alignment with others already existing and named shall bear the name of the existing streets. The proposed names of new streets shall not duplicate or sound similar to existing street names. Street names shall be subject to the approval of the governing body.

9. Street grades.

a. Street grades, wherever feasible, shall not exceed five (5) percent, with due allowance for reasonable vertical curves.

b. No street grade shall be less than one-half (1/2) of one (1) percent.

10. Alleys.

a. Alleys shall be provided in commercial and industrial districts, except that the governing body may waive this requirement where other definite and assured provision is made for service access, such as off-street loading, unloading and parking consistent with and adequate for the uses proposed.

b. The width of an alley shall be twenty (20) feet.

c. Alley intersections and sharp changes in alignment shall be avoided, but where necessary, corners shall be cut off sufficiently to permit safe vehicular movements.

d. Dead-end alleys shall be avoided where possible, but if unavoidable, shall be provided with adequate turn-around facilities at the dead-end, as determined by the governing body.

11. Blocks.

a. No block may be more than one thousand three hundred twenty (1,320) feet or less than five hundred (500) feet in length between the center lines of intersecting streets, except where, in the opinion of the governing body, extraordinary conditions unquestionably justify a departure from these limits.

b. In blocks over seven hundred (700) feet in length, the governing body may require at or near the middle of the block a public way or easement of not less than ten (10) feet in width for use by pedestrians and/or as an easement for public utilities.

12. Lots.

a. The lot size, width, depth, shape and orientation shall be appropriate for the location of the subdivision and for the type of development and use contemplated.

b. Minimum lot dimensions and sizes.

(1) Residential lots where not served by public sewer shall not be less than eighty (80) feet wide nor less than ten thousand (10,000) square feet in area.

(2) Depth and width of properties reserved or laid out for commercial and industrial purposes shall be adequate to provide for the off-street service and parking facilities required by the type of use and development contemplated.

(3) Corner lots for residential use shall have an extra ten (10) feet of width to permit appropriate building setback from and orientation to both streets.

c. The subdividing of the land shall be such as to provide, by means of public street, each lot with satisfactory access to an existing public street.

d. Double frontage and reverse frontage lots shall be avoided except where essential to provide separation of residential development from traffic arteries or to overcome specific disadvantages of topography and orientation. A planting screen easement of at least ten (10) feet and across which there shall be no right of access, shall be provided along the line of lots abutting such a traffic artery or other disadvantageous use.

e. Side lot lines shall be substantially at right angles to straight street lines or radial to curved street lines.

13. Building lines. Building lines shall be shown on all lots within the platted area. The governing body may require building lines in accordance with the needs of each subdivision.

14. Easements.

a. Easement across lots or centered on rear or side lot lines shall be provided for utilities where necessary and shall be at least ten (10) feet wide.

b. Where a subdivision is traversed by a watercourse, drainage way, channel or stream, there shall be provided a storm water easement or drainage right-of-way conforming substantially with the lines of such watercourse, and further width for construction, or both, as will be adequate for the purpose.

15. Plat markers. Markers shall be placed at all block corners, angle points, points of curves in streets, and all such intermediate points as shall be required by the governing body. The markers shall be of such material, size and length as may be approved by the governing body.

PROCEDURES AND SUBMISSION REQUIREMENTS FOR PLATS

6-7-12 PROCEDURES AND SUBMISSION REQUIREMENTS FOR PLATS. In obtaining final approval of a proposed subdivision by the governing body, the subdivider and owner shall submit a plat in accordance with the requirements hereafter set forth and install improvements or provide a performance bond.

6-7-13 PRE-APPLICATION CONFERENCE. Whenever a subdivision located within the platting jurisdiction of the City is proposed, the owner and subdivider shall schedule a pre-application conference with the City Clerk. The conference should be attended by the City Clerk and such other City or utility representatives as is deemed desirable; and by the owner and said owner's engineer and/or planner, as deemed desirable.

The purpose of such conference shall be to acquaint the City with the proposed subdivision, and to acquaint the subdivider with the requirements, procedures, and any special problems relating to the proposed subdivision.

6-7-14 SKETCH PLAN REQUIRED. For the pre-application conference, the subdivider shall provide a map or sketch showing the location of the subdivision, the general location of any proposed streets and other improvements, and the general layout and arrangement of intended land uses, in relation to the surrounding area.

6-7-15 PRESENTATION TO PLANNING COMMISSION OR CITY COUNCIL. The subdivider may present the sketch plan to the governing body for review, prior to incurring significant costs preparing the preliminary or final plat.

6-7-16 SUBDIVISION CLASSIFIED. Any proposed subdivision or resubdivision shall be classified as minor subdivision or a major subdivision.

1. Minor Subdivision. Means any subdivision that contains not more than four (4) lots fronting on an existing street and that does not require construction of any public improvements, and that does not adversely affect the remainder of the parcel shall be classified as a minor plat.

2. Major Subdivision. Any subdivision that, in the opinion of the governing body, does not for any reason meet the definition of a minor subdivision, shall be classified as a major subdivision.

6-7-17 PLATS REQUIRED. In order to secure approval of a proposed subdivision, the owner and subdivider of any major subdivision shall comply with the requirements for a preliminary plat and the requirements for a final plat. The owner and subdivider of a minor subdivision or an auditor's plat may elect to omit the submission of a preliminary plat.

(Code of Iowa, Sec. 354.6)

6-7-18 REQUIREMENTS OF PRELIMINARY PLAT. The subdivider shall prepare and file with the City Clerk four (4) copies of a preliminary plat of adequate scale and size showing the following:

1. Title, scale, north point and date.
2. Subdivision boundary lines, showing dimensions, bearing angles, and references to section, townships and range lines or corners.
3. Present and proposed streets, alleys and sidewalks, with their right-of-way, in or adjoining the subdivision, including dedicated widths, approximate gradients, types and widths of surfaces, curbs, and planting strips, and location of street lights.
4. Proposed layout of lots, showing numbers, dimensions, radii, chords and the square foot areas of lots that are not rectangular.
5. Building setback or front yard lines.
6. Parcels of land proposed to be dedicated or reserved for schools, parks, playgrounds, or other public, semi-public or community purposes.
7. Present and proposed easements, showing locations, widths, purposes and limitation.
8. Present and proposed utility systems, including sanitary and storm sewers, other drainage facilities, water lines, gas mains, electric utilities, and other facilities, with the size, capacity, invert elevation and location of each.
9. Proposed name of the subdivision which shall not duplicate or resemble existing subdivision names in the county.
10. Names and addresses of the owner, subdivider, builder, and engineer, surveyor or architect who prepared the preliminary plat, and the engineer, surveyor or architect who will prepare the final plat.

11. Existing and proposed zoning of the proposed subdivision and adjoining property.
12. A general summary description of any protective covenants or private restrictions to be incorporated in the final plat.

13. Contours at vertical intervals of not more than two (2) feet if the general slope of the site is less than ten (10) percent and at vertical intervals of not more than five (5) feet if the general slope is ten (10) percent or greater, unless the City Council waives this requirement.

6-7-19 REFERRAL OF PRELIMINARY PLAT. The City Clerk shall forthwith refer two (2) copies of the preliminary plat to the City Engineer and (2) copies to the governing body.

6-7-20 ACTION BY THE CITY ENGINEER. The City Engineer shall carefully examine said preliminary plat as to its compliance with Section 354.8 of the Code of Iowa and the laws and regulations of the City of Exira, Iowa, the existing street system, and good engineering practices, and shall, as soon as possible, submit the City engineer's findings in duplicate to the governing body together with one (1) copy of the plat received.

(Code of Iowa, Sec. 354.8)

6-7-21 ACTION BY THE GOVERNING BODY. The governing body shall, upon receiving the report of the City Engineer, as soon as possible, but not more than thirty (30) days thereafter, consider said report, negotiate with the subdivider on changes deemed advisable and the kind and extent of improvements to be made by the subdivider, and pass upon the preliminary plat as originally submitted or modified. If the governing body does not act within thirty (30) days, the preliminary plat shall be deemed to be approved, provided, however, that the subdivider may agree to an extension of the time for a period not to exceed an additional sixty (60) days. It shall then set forth its recommendations in writing, whether of approval, modification or disapproval.

1. In the event that substantial changes or modifications are made by the governing body or disapproval of the plat, it shall give its reasons therefor and it may request and cause the revised preliminary plat to be resubmitted in the same manner as the original plat.

2. If approved, the governing body shall express its approval as "Conditional Approval" and state the conditions of such approval, if any.

3. The action of the governing body shall be noted on two (2) copies of the preliminary plat, referenced and attached to any conditions determined. One (1) copy shall be returned to the subdivider and the other copy retained by the governing body.

4. The "Conditional Approval" by the governing body shall not constitute final acceptance of the addition or subdivision by the City but an authorization to proceed with preparation of the final plat.

6-7-22 FINAL PLAT. The final plat shall conform substantially to the preliminary plat as approved, and, if desired by the subdivider, it may constitute only that portion of the approved preliminary plat which the subdivider proposes to record and develop at the time, provided, however, that such portion conforms to all requirements of these regulations.

6-7-23 REFERRAL FINAL PLAT. The subdivider shall, within twelve (12) months of the "Conditional Approval" of the preliminary plat by the governing body prepare and file four (4) copies of the final plat and other required documents with the City Clerk as hereafter set forth, and upon the subdivider's failure to do so within the time specified, the "Conditional Approval" of the preliminary plat shall be null and void unless an extension of times is applied for and granted by the governing body. Upon receipt of the final plat and other required documents, the City Clerk shall transmit two (2) copies of the final plat to the governing body for its recommendations and approval.

Except for a final plat for a minor subdivision or an auditor's plat as set forth herein, no final plat shall be considered by the governing body until and unless a preliminary plat for the area included in the proposed final plat has been approved and has not expired and become void as set forth above.

At its discretion the governing body may refer the final plat to the City Engineer pursuant to the procedure established in 6-7-18.

6-7-24 REQUIREMENTS OF THE FINAL PLAT. The final plat shall conform to the requirements of chapter 355, Code of Iowa, and shall be clearly and legibly drawn to a scale of not more than one hundred (100) feet to one (1) inch with permanent ink on a reproducible tracing material. It shall show:

(Code of Iowa, Sec. 354.8 and 355.8)

1. The title under which the subdivision is to be recorded.
2. The linear dimensions in feet and decimals of a foot of the subdivision boundary, lot lines, streets and alleys. These should be exact and complete to include all distances, radii, arc, chords, points of tangency and central angles.
3. Street names and clear designations of public alleys. Streets that are continuations of present streets should bear the same name. If new names are needed, they should be distinctive. Street names may be required to conform to the City Plan.
4. Location, type, materials, and size of all monuments and markers including all U.S., county or other official bench marks.
5. The signature and acknowledgement of the subdivision land owner and the subdivision land owner's spouse.

6. A sealed certification of the accuracy of the plat and that the plat conforms to Section 354.8 of the Code of Iowa by the professional engineer or land surveyor who drew the final plat.

6-7-25 FINAL PLAT ATTACHMENTS. The final plat shall have the following attached to it:

1. A correct description of the subdivision land.

(Code of Iowa, Sec. 354.6(2))

2. A certificate by the owner and the owner's spouse, if any, that the subdivision is with the free consent, and is in accordance with the desire of the owner and spouse. This certificate must be signed and acknowledged by the owner and spouse before some officer authorized to take the acknowledgements of deeds.

(Code of Iowa, Sec. 354.11(1))

3. A complete abstract of title and an Attorney's opinion showing that the fee title to the subdivision land is in the owner's name and that the land is free from encumbrances other than those secured by an encumbrance bond.

(Code of Iowa, Sec. 354.11(2))

4. A certificate from the County Treasurer that the subdivision land is free from taxes.

5. A certificate from the Clerk of District Court that the subdivision land is free from all judgments, attachments, mechanics or other liens of record in the Clerk's office.

6. A certificate from the County Recorder that the title in fee is in the owner's name and that it is free from encumbrances other than those secured by an encumbrance bond.

(Code of Iowa, Sec. 354.11(2))

7. A certificate of dedication of streets and other public property.

(Code of Iowa, Sec. 354.11(1))

8. A statement of restrictions of all types that run with the land and become covenants in the deeds of lots.

9. Resolution and certificate for approval by the governing body and for signatures of the Mayor and Clerk.

(Code of Iowa, Sec. 354.11(4))

10. Profiles, typical cross sections, and specifications of street improvements and utility systems, to show the location, size and grade. These should be shown on a fifty (50) foot horizontal scale and a five (5) foot vertical scale with west or south at the left.

11. A certificate by the City Clerk or similar official that all required improvements and installations have been completed, or that a performance bond guaranteeing

completion has been approved by the City Attorney and filed with the City Clerk, or that the governing body has agreed that the City will provide the necessary improvements and installations and assess the costs against the subdivider or future property owners in the subdivision.

12. The encumbrance bond, if any, as specified in Sections 354.11 and 354.12, Code of Iowa.

(Code of Iowa, Sec. 354.11(2) and 354.12)

6-7-26 ACTION BY THE GOVERNING BODY. Upon receipt of the plat, but not more than sixty (60) days following submission of the final plat to the Clerk as stated in 6-7-23 the governing body shall either approve or disapprove the final plat.

(Code of Iowa, Sec. 354.8)

1. In the event that said plat is disapproved by the Governing Body, such disapproval shall be expressed in writing and shall point out wherein said proposed plat is objectionable.

2. In the event that said plat is found to be acceptable and in accordance with this Ordinance, the governing body shall accept the same.

3. The passage of a resolution by the governing body accepting the plat shall constitute final approval of the platting of the area shown on the final plat, but the subdivider or owner shall cause such plat to be recorded in the office of the County Recorder of Audubon, County, Iowa, and shall file satisfactory evidence of such recording before the City shall recognize the plat as being in full force and effect.

OTHER PROVISIONS

6-7-27 VARIANCES. Where in the case of a particular proposed subdivision, it can be shown that strict compliance with the requirement of this Ordinance would result in extraordinary hardship to the subdivider, because of unusual topography or other conditions, the governing body may vary, modify or waive the requirements so that substantial justice may be done and the public interest secure. Provided, however, that such variance, modification or waiver will not have the effect of nullifying the intent and purpose of this Ordinance. Such variances and waivers may be granted only by the affirmative vote of three-fourths (3/4) of the members of the Governing Body.

6-7-28 CHAIN SUBDIVIDING. No more than two building permits for each separate tract existing at the effective date of this Ordinance shall be issued unless the tract has been platted in accordance with this Ordinance; except that this provision shall not limit the number of building permits that may be issued for accessory buildings as defined by the Zoning Ordinance or additions or improvements to a main or accessory building already legally located upon said tract.

6-7-29 EXTRATERRITORIAL REVIEW AGREEMENT.

The City may negotiate an extraterritorial review agreement between the City of Exira and Audubon County for the standards and conditions applied by the City for review and approval of a subdivision as provided in Section 354.9 of the Code of Iowa.

The City of Exira shall apply the same standards and conditions for review and approval of a subdivision in the extraterritorial review area as established in Section 6-7-3 of the City of Exira Municipal Code.

Procedures for certifying approval of subdivisions in the extraterritorial area of the City shall be the same as those established for other subdivisions with the City unless waived by the Governing Body.

(Code of Iowa, Sec. 354.8 and 354.9)

TITLE VI PHYSICAL ENVIRONMENT

CHAPTER 8 SIDEWALK REGULATIONS

6-8-1	Purpose	6-8-11	Failure to Obtain Permit; Remedies
6-8-2	Definitions	6-8-12	Inspection and Approval
6-8-3	Cleaning Snow, Ice, and Accumulations	6-8-13	Barricades and Warning Lights
6-8-4	Maintenance Responsibility	6-8-14	Interference with Sidewalk Improvements
6-8-5	Liability of Abutting Owner	6-8-15	Special Assessments for Construction and Repair
6-8-6	Ordering Sidewalk Improvements	6-8-16	Notice of Assessment for Repair or Cleaning Costs
6-8-7	Repairing Defective Sidewalks	6-8-17	Hearing and Assessment
6-8-8	Notice of Inability to Repair or Barricade	6-8-18	Billing and Certifying to County
6-8-9	Standard Sidewalk Specifications		
6-8-10	Permits for Construction or Removal		

6-8-1 PURPOSE. The purpose of this chapter is to improve and maintain sidewalks in a safe condition, to require owners of abutting property to maintain, repair, replace, construct or reconstruct sidewalks.

6-8-2 DEFINITIONS. As used in this chapter, the following terms have these meanings:

1. Defective Sidewalk. Any public sidewalk exhibiting one or more of the following characteristics:

- a. vertical separations equal to three-fourths (3/4) inch or more.
- b. horizontal separations equal to three-fourths (3/4) inch or more.
- c. holes or depressions equal to three-fourths (3/4) inch or more and at least four (4) inches in diameter.
- d. spalling over fifty (50) percent of the surface of a single square of the sidewalk with one or more depressions equal to one-half (1/2) inch or more.
- e. spalling over less than fifty (50) percent of a single square of the sidewalk with one or more depressions equal to three-fourths (3/4) inch or more.
- f. a single square of sidewalk cracked in such a manner that no part thereof has a piece greater than one square foot.
- g. a sidewalk with any part thereof missing to the full depth.

h. a change from design or construction grade equal to or greater than three-fourths (3/4) inch per foot.

2. Sidewalk Improvements. The construction, reconstruction, repair, replacement, or removal of a public sidewalk or the excavating, filling, or depositing of material in the public right-of-way in connection therewith.

3. Owner. The person owning the fee title or the contract purchaser for purposes of notification required herein. For all other purposes, "owner" shall include the lessee, or person in possession.

6-8-3 CLEANING SNOW, ICE, AND ACCUMULATIONS. It shall be the duty of the owner to keep sidewalks abutting the owner's property clear of the natural accumulations of snow or ice. If the owner fails to do so within twenty four (24) hours after deposit of accumulation, the Mayor may have the natural accumulations of snow or ice removed without notice to the property owner. The Mayor shall give the Council an itemized and verified statement of the removal costs and a legal description of the property at the next regular Council meeting. The costs shall be reviewed by the Council, and if found correct, shall be assessed against the property as taxes. The City Clerk shall be directed to certify the costs to the County Auditor for collection as provided in Section 364.12 of the Code of Iowa.

(Code of Iowa, Sec. 364.12(2b) and (2e))

6-8-4 MAINTENANCE RESPONSIBILITY. The abutting property owner or owners shall be responsible for the repair, replacement or reconstruction of all broken or defective sidewalks to a safe condition and to maintain in a safe condition all sidewalks in the abutting street right-of-way.

(Code of Iowa, Sec. 364.12(2c))

6-8-5 LIABILITY OF ABUTTING OWNER. As provided in Section 364.14, Code of Iowa, in the event the owner of property abutting any public sidewalk fails or refuses to perform any act required of them by this Ordinance and in the event an action is brought against the City for personal injuries alleged to have been caused by a defect in or the condition of said sidewalk, the City may notify in writing the said abutting owner that it claims the injury was caused by their negligence and/or their failure to repair the defect or eliminate the condition complained of. The notice shall state the pendency of the action, the name of the plaintiff, the name and location of the court where the action is pending, a brief statement of the alleged facts from which the cause arose, that the City believes that the person notified is liable to it for any judgment rendered against the City, and asking the person to appear and defend.

A judgment obtained in the suit is conclusive in any action by the City against any person so notified, as to the existence of the defect or condition or other cause of the injury or damage, as to the liability of the City to the plaintiff in the first named action, and as to the amount of the damage or injury. The City may maintain an action against the person

notified to recover the amount of the judgment together with all the expenses incurred by the City in the suit.

(Code of Iowa, Sec. 364.14)

6-8-6 ORDERING SIDEWALK IMPROVEMENTS. The City Council may order the construction, reconstruction, repair, or replacement of permanent sidewalks upon any street or court. Notice of this order shall be sent to the owner by certified mail. The notice shall include the fact that the owner may request a hearing by the Council within fifteen (15) days or receipt of the notice.

6-8-7 REPAIRING DEFECTIVE SIDEWALKS. It shall be the duty of the abutting property owner at any time, or upon receipt of thirty (30) days' notice from the City, to repair, replace, or reconstruct all broken or defective sidewalks in the abutting street right-of-way. If, after the expiration of the thirty (30) days as provided in the notice, the required work has not been done or is not in the process of completion, the Mayor shall order the work to proceed to repair, replace, or reconstruct the sidewalk. Upon completion of the work, the Mayor shall submit to the Council an itemized and verified statement of expenditures for material and labor, and the legal description of the property abutting the sidewalk on which work has been performed. These costs shall be assessed to the property as taxes. The City Clerk shall be directed to certify the costs to the County Treasurer for collection as provided in Section 364.12 of the Code of Iowa.

(Code of Iowa, Sec. 364.12(e))

6-8-8 NOTICE OF INABILITY TO REPAIR OR BARRICADE. It shall be the duty of the owner of the property abutting the sidewalk, or of the contractor or agent of the owner, to notify the City immediately in the event the owner is unable to make necessary sidewalk improvements or to install or erect warnings and barricades as required by this chapter.

6-8-9 STANDARD SIDEWALK SPECIFICATIONS. Sidewalks constructed, repaired, or replaced under the provisions of this chapter shall be of the following construction and meet the following standards:

1. Portland cement concrete shall be the only material used in the construction and repair of sidewalks unless otherwise authorized by the City Council.
2. Sidewalks shall be on one-course construction.
3. Concrete may be placed directly on compact and well-drained soil. Where soil is not well drained, a four (4) inch sub-base of compact, clean, coarse gravel, sand, or cinders shall be laid. The adequacy of the soil drainage is to be determined by the Superintendent of Public Works.
4. The sidewalk bed shall be graded to the established grade.
5. Residential sidewalks shall be at least four (4) feet wide, or match existing sidewalks, and four (4) inches thick, and each section shall be no more than four (4) feet in

length. In the central business district, sidewalks shall extend from the property line to the curb unless the Council shall establish a different distance due to the circumstances. Each section shall be four (4) inches thick and no more than six (6) feet in length and width. All driveway areas shall not be less than six (6) inches in thickness.

6. Residential sidewalks shall be located with the inner edge (edge nearest the abutting private property) on the property line, unless the Council shall establish a different distance due to the circumstances.

7. All elevations of sidewalks are to be established by the City Council with assistance from the Superintendent of Public Works on a case-by-case basis.

8. All sidewalks shall slope at least one-quarter (1/4) inch per foot toward the curb, but in no event more than one-half (1/2) inch per foot toward the curb.

9. All sidewalks shall have a steel trowel finish followed by a "broom" or a "wood float" finish.

10. Ramps for the disabled. There shall not be less than two (2) curb cuts or ramps per lineal block which shall be located on or near the cross-walks at intersections. Each curb cut or ramp shall be at least thirty (30) inches wide, shall be sloped at not greater than one inch of rise per twelve (12) inches lineal distance, except that a slope no greater than one inch of rise per eight (8) inches lineal distance may be used where necessary, shall have a nonskid surface, and shall otherwise be so constructed as to allow reasonable access to the crosswalk for physically disabled persons using the sidewalk.

(Code of Iowa, Sec. 216C.9)

11. All sidewalk improvements on public property, whether performed by the owner of the abutting property or by the City, shall be performed under the supervision and inspection of the City Superintendent of Public Works, and in accordance with the standard sidewalk specifications set forth in this chapter.

6-8-10 PERMITS FOR CONSTRUCTION OR REMOVAL. No person shall make any sidewalk improvements unless such person shall obtain a permit from the City Clerk. The permit shall state that the person will comply with the Ordinances of the City and with the specifications for sidewalks adopted by the City. The permit also shall state that the work will be done under the direction and approval of the City Superintendent of Public Works. All such permits shall be issued without charge and a copy thereof, with the application, shall be filed and preserved in the office of the City Clerk. The permit shall state when the work is to be commenced and when the work is to be completed. The time of completion for the sidewalk improvements may be extended by the City Council. All permits for sidewalk improvements not ordered by resolution of the City Council shall be issued in compliance with this chapter. The City Council may withhold the issuance of any permit for any sidewalk improvements for a sufficient period to determine the necessity for the proposed improvements or when weather conditions will adversely affect the sidewalk improvements.

6-8-11 FAILURE TO OBTAIN PERMIT; REMEDIES. Whenever any sidewalk improvements are made that do not conform to the provisions of this chapter and with the specifications, or when any sidewalk improvements are made without a permit, the Mayor shall serve notice to obtain a permit upon the property owner and upon the contractor doing the work. If the sidewalk is in the course of construction, the notice shall order the work to stop until a permit is obtained and the work is corrected to comply with the specifications. If the sidewalk work has been completed, the owner shall obtain a permit immediately and perform any needed corrections within five (5) days from receipt of the permit. If the owner fails to comply with this notice, the Mayor shall have the work completed and the costs assessed to the property owner as provided in this chapter.

6-8-12 INSPECTION AND APPROVAL. Upon final completion, the Superintendent of Public Works shall inspect the work and may order corrections if the work does not meet specifications. When the work does meet all requirements of this chapter, the specifications, and the permit, the Superintendent of Public Works shall indicate this on both copies of the permit.

6-8-13 BARRICADES AND WARNING LIGHTS. Proper warning lights and barricades shall be placed to protect persons from materials, equipment, and dangerous conditions. Placement and maintenance of adequate warnings is the responsibility of the constructor, the owner, and the lessee of the property.

6-8-14 INTERFERENCE WITH SIDEWALK IMPROVEMENTS. No person shall knowingly or willfully drive any vehicle upon any portion of any sidewalk or approach thereto while it is in the process of being improved, or upon any portion of any completed sidewalk or approach thereto, or shall remove or destroy any part or all of any sidewalk or approach thereto, or shall remove, destroy, mar, or deface any sidewalk at any time or destroy, mar, remove, or deface any notice or warning device provided by this chapter.

6-8-15 SPECIAL ASSESSMENTS FOR CONSTRUCTION AND REPAIR. The City Council may assess the cost of initial construction, improvements, and/or repair of sidewalks in the City according to the special assessment procedures established in Chapter 384, division IV, Code of Iowa.

(Code of Iowa, Sec. 384.38)

6-8-16 NOTICE OF ASSESSMENT FOR REPAIR OR CLEANING COSTS. When the Mayor submits a bill for sidewalk improvements or for removal of accumulations as provided in this chapter, the City Clerk shall send a notice of such facts to the owner of the abutting property. The notice may be given either by personal service or by certified mail to the last known address of the owner. The notice shall contain a statement of the work performed, the cost of the work that is being assessed, a description of the property affected, and the fact that the person may pay the amount assessed within thirty (30) days without interest or penalty. The notice also shall indicate that the person may object to such assessment and given the place and time at which Council will hear such objections. The time set for hearing shall be at least fifteen (15) days after the service or mailing of the notice.

(Code of Iowa, Sec. 384.50)

6-8-17 HEARING AND ASSESSMENT. At the time and place designed in the Notice, the Council shall consider all objections to the assessment, correct all errors or omissions, and adopt a corrected list as the amounts to be assessed against the property.

(Code of Iowa, Sec. 384.51)

6-8-18 BILLING AND CERTIFYING TO COUNTY. Thirty (30) days after the Council's decision, the City Clerk shall certify any unpaid amounts to the County Treasurer. The unpaid assessments shall constitute a lien against the property and shall be collected by the County Treasurer in the same manner as other taxes. Any assessment that exceeds \$100 may be paid in installments as set by Council, not exceeding ten, in the same manner and at the same interest rates as for special assessments under Chapter 384, division IV, Code of Iowa. No interest shall be charged for assessments, or parts thereof, paid within thirty (30) days of the time the Council determined the final amounts.

(Code of Iowa, Sec. 384.60)

TITLE VI PHYSICAL ENVIRONMENT

CHAPTER 9 RESERVED