

JEFFERSON COUNTY, NEBRASKA SUBDIVISION REGULATIONS



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TABLE OF CONTENTS

		<u>PAGE</u>
Section 1	Authority	1
Section 2	Purpose	1
Section 3	Jurisdiction.....	1
Section 4	Applicability	1
Section 5	Definitions.....	2
Section 6	Severability	6
Section 7	Procedures	6
	7.1 Plat Submission Requirements	6
	7.2 Fees	6
	7.3 Scale and Preliminary Plat Contents.....	6
	7.4 Notification of Improvement Schedule	6
	7.5 Notification of School Board.....	7
	7.6 Approval or Rejection.....	7
	7.7 Recording of Action	7
	7.8 Approval is Conditional	7
	7.9 Installation of Improvements for Final Plat Approval	7
	7.10 Final Plat Submission Requirements	7
	7.11 Scale and Final Plat Contents	8
	7.12 Supplementary Data Required.....	8
	7.13 Professional Assistance.....	8
	7.14 Planning Commission Recommendations.....	8
	7.15 Administrative Subdivision	9
Section 8	Streets, Alleys, Sidewalks, Driveways.....	10
	8.1 Streets	10
	8.2 Street Extension.....	10
	8.3 Dedication of Right-of-Way For Existing Streets	10
	8.4 Dedication of Right-of-Way For Existing Streets	10
	8.5 Intersections.....	11
	8.6 Widths, Grades and Sight Distance Requirements.....	11

8.7	Marginal Access Streets	12
8.8	Street Jogs.....	12
8.9	Street Names.....	12
8.10	Private Streets and Reserve Strips	12
8.11	Grading Specifications.....	13
8.12	Minimum Pavement Widths	13
8.13	Street Surfacing.....	13
8.14	Curb and Gutter.....	13
8.15	Blocks	13
8.16	Street Name Signs	13
8.17	Alleys	14
8.18	Sidewalks.....	14
8.19	Driveways	14
8.20	Street and Walkway Lighting	14
Section 9	Utility and Drainage Facilities.....	14
9.1	Sewer and Water	14
9.2	Sanitary Sewer Improvements	15
9.3	Drainage Improvements.....	16
9.4	Storm Sewers and Storm Water Drainage	17
9.5	Culverts and Bridges	17
9.6	Solar Access	17
9.7	Erosion Control.....	18
9.8	Fire Protection	18
9.9	Electric, Gas, and Telephone Improvements.....	18
Section 10	Shared Improvement Costs	19
10.1	Extensions to Boundaries.....	19
10.2	Off-site Extensions.....	19
Section 11	Subdivision Improvement Procedure	19
11.0	Subdivision Improvement Guarantees	19
11.1	Surety Performance Bond	19
11.2	Escrow Account	20
11.3	Security Agreement	20
11.4	Improvement (Assessment) District	20
11.5	Time Limits	20
11.6	Installation of Improvements	21
11.7	Plan Review Reimbursement	21
11.8	Failure to Complete Improvements	21
11.9	Inspection and Certification	22
11.10	Reduction of Guarantees	22
11.11	Release of Guarantees	22

Section 12	Dedication of Public Land	23
12.1	Dedication	23
Section 13	Annexation and Recording of Plat	23
13.1	Subdivision Annexation of Adjoining or Continuous Properties	
23		
Section 14	Waivers.....	23
14.1	Granting of Waivers; Conditions.....	23
14.2	Recording of Plat.....	23
14.3	Planned Development.....	23
Section 15	Waiver for Small Subdivisions.....	24
Section 16	Public Sites and Open Spaces.....	24
16.1	Recreation Standards.....	24
16.2	Recreation Sites	24
Section 17	Amendments	25

SECTION 1. AUTHORITY. These regulations are hereby adopted and enacted under authority of R.R.S., Nebr. 1943, Chapters 23-372 thru 23-377, and amendments thereto, and comprise requirements, standards and specifications with respect to provisions for the proper location and width of streets, building lines, open spaces, safety, recreation; and, for the manner in which streets will be graded and improved; and, the extent to which water, sewer and other utility services shall be provided; and, to provide for the approval of preliminary plats and final plats and endorsement thereof by the Jefferson County Planning Commission and by the County Board of Commissioners. No final plat of a subdivision shall be approved and accepted by the County unless it conforms to the provisions of these regulations.

SECTION 2. PURPOSE. The purpose of these regulations is to provide for the orderly development of Jefferson County; to prescribe standards for the laying out of subdivisions in harmony with the comprehensive plan; for the coordination of streets and utilities within subdivisions with other existing or planned streets and utilities; for coordination of subdivisions with other features of the comprehensive plan to provide for adequate open space for traffic, recreation, light and air; and for the distribution of population and traffic in such a manner so as to create conditions favorable to health, safety, convenience or prosperity, all in accordance with applicable state statutes.

SECTION 3. JURISDICTION. The provisions of this resolution shall apply within the area of planning and zoning jurisdiction as defined on the Official Zoning Map of Jefferson County, Nebraska, as may be amended from time to time.

SECTION 4. APPLICABILITY. Any plat, hereafter made, for each subdivision or part thereof lying within the jurisdiction of these regulations, shall be prepared for approval and recorded as herein prescribed. The regulations contained herein shall apply to the subdivision of a lot, tract, parcel of land into two or more lots, tracts, or other division of land for the purpose of sale or development, whether immediate or future, including the resubdivision or replatting of land or lots, except that the division of land when the smallest parcel created is more than ten (10) acres in area shall be exempt from these regulations. Further, the regulations set forth by this resolution shall be minimum regulations which shall apply uniformly throughout the jurisdiction of these regulations except as hereafter provided.

A. Each separate principal use/building within the jurisdiction of this resolution shall be situated on a separate and single subdivided lot of record unless otherwise provided in the zoning regulations of the County.

B. No subdivision of land shall be permitted within the jurisdiction of this resolution unless a plat is approved in accordance with the provisions of this resolution. Further, no lot in a subdivision may be sold, transferred, no permit to erect, alter, or repair any building upon land in a subdivision may be issued, and no building may be erected in a subdivision unless a final plat has been approved by the County Board and recorded with the Jefferson County Register of Deeds.

C. These regulations shall not apply to the following:

- 1. To a subdivision of land whereby the smallest parcel created or remaining is more than ten (10) acres.**
- 2. The subdivision of burial lots in cemeteries.**
- 3. The combining of two or more lots for one principal use or a change in the boundary between adjoining lands.**

SECTION 5. DEFINITIONS. For the purposes of this Article, certain terms or words used herein shall be interpreted as follows:

The present tense includes the future tense, the singular number includes the plural, and the plural number includes the singular.

BLOCK. A tract or parcel of land bounded by public streets or lands, streams, railroads, unplatted lands or a combination thereof.

BUILDING LINE. The term "building line" means a line parallel or nearly parallel, to either the street line or the lot line not abutting the street and at a specified distance from the street or lot line which marks the minimum distance from either line that a building may be erected. In the case of a cul-de-sac, the building line shall be measured around the curvature of the street line.

BUILDING OFFICIAL. The County Zoning Administrator.

COMMON OPEN SPACE. That undivided land in a subdivision which may be jointly owned by all property owners of the subdivision, for the benefit of the owners of the individual building sites of said development.

COMMON SEWER SYSTEM. A sanitary sewage system in public ownership which provides for the collection and treatment of domestic effluent in a central sewage treatment plant which meets the minimum requirements of the Nebraska Department of Environmental Quality for primary and secondary sewage treatment and which does not include individual septic tanks or portable sewage treatment facilities.

COMMON WATER SYSTEM. A water system which provides for the supply, storage and distribution of potable water on an uninterrupted basis which is in public ownership.

COMPREHENSIVE PLAN. The long range development plan adopted by the County.

COVENANT. Written promise or pledge.

CULVERT. A transverse drain that channels water under a bridge, street or driveway.

EASEMENT. A grant by property owner to the public, a corporation or persons of the use of a tract of land for a specific purpose.

ENGINEER. One, licensed by the State of Nebraska, designated by the County to act for the County.

FRONTAGE. The length of the property abutting on one (1) side of a street measured along the dividing line between the property and the street.

GREEN AREA. Same as common open space.

GOVERNING BODY: Shall mean the Jefferson County Board of Commissioners

IMPROVEMENT. Street pavement or resurfacing, curbs, gutter, sidewalks, water lines, sewer lines, storm drains, street lights, flood control and drainage facilities, utility lines, landscaping, and other related matters normally associated with the development of raw land into building sites.

LOT. A parcel of land occupied or intended for occupancy by a use permitted in this Article, including one (1) main building together with its accessory buildings, the open spaces and parking required by this Article and fronting upon a street.

LOT, CORNER. A lot abutting upon two (2) or more streets at their intersection.

LOT, INTERIOR. A lot other than a corner lot which has frontage on one street only.

LOT, THROUGH. A lot other than a corner lot fronting on more than one street.

LOT OF RECORD. A tract of land described as an integral portion of a subdivision plat which is properly recorded in the office of the Jefferson County Clerk.

MONUMENTS. Permanent concrete or iron markers used to establish definitely all lines of the plat of a subdivision, including all lot corners, boundary line corners and points of change in street alignment.

OUT LOT. Property shown on a subdivision plat outside of the boundaries of the land which is developed and which is to be excluded from the development of the subdivision.

PARKING SPACE, OFF-STREET. Off-street parking shall mean an area, enclosed or unenclosed, sufficient in size to store one automobile, together with a driveway connecting the parking space with a street or alley and permitting ingress and egress.

PEDESTRIAN WAYS. A tract of land dedicated to public use, which cuts across a block to facilitate pedestrian access to adjoining streets and properties.

PLANNED DEVELOPMENT. Special development of certain tracts of land, planned and designed as a unit for one (1) or more land uses under the regulations and procedures contained in this Article.

PLANNING AREA. The statutory zoning jurisdiction of the County.

PLANNING COMMISSION. The appointed planning body designated by the County.

PLAT. Map, drawing, or chart upon which the developer's plan of subdivision (Preliminary) is presented to the County Board for approval and, after such approval, to the appropriate County Clerk for recording.

PLOT. A parcel of ground.

PUBLIC WAY. An alley, avenue, boulevard, bridge, channel, ditch, easement, expressway, freeway, highway, land, parkway, right-of-way, road, sidewalk, street, subway, tunnel, viaduct, walk, or other ways in which the general public or a public entity have a right, or which are dedicated, whether improved or not.

RIGHT-OF-WAY. A strip of land taken or dedicated for use as a public way. In addition to the roadway, it normally incorporates the curbs, lawn strips, sidewalks, lighting, and drainage facilities, and may include special features such as grade separation, landscaped areas, viaducts and bridges.

SETBACK LINE. The term "setback line" means a line, as shown on a record plat or otherwise established by the County Board, beyond which no part of a main exterior wall of a building or structure may project.

SEWERS, ON-SITE. A septic tank or similar installation on an individual lot which utilizes an aerobic bacteriological process or equally satisfactory process for the elimination of sewage and provides for the proper and safe disposal of the effluent, subject to the approval of health and sanitation officials having jurisdiction.

STREET. Street shall mean a public or private thoroughfare including avenues, which affords principal means of access to abutting property.

SUBDIVIDER. The owners, developers or agents of persons or corporations affecting subdivision.

SUBDIVISION. The division of a parcel of land into two (2) or more lots or parcels for the purpose of transfer of ownership, building development, or, if a new street is involved, any division of a parcel of land. The term includes resubdivision, and, when appropriate to the context, shall relate to the process of subdividing or to the land subdivided.

SURVEYOR. Any person registered in Nebraska to practice surveying.

THOROUGHFARE, STREET OR ROAD. The full width between property lines bounding every public way of whatever nature, with a part thereof to be used for vehicular traffic and designated as follows:

Alley: A dedicated public right-of-way, other than a street, which provides only a secondary means of access to abutting property.

Arterial Street: A street which provides for through traffic movement between and around streets with direct access to abutting property, subject to necessary control of entrances, exits, and curb use.

Collector Street: A street which provides for traffic movement between arterials and local streets, with direct access to abutting property.

Cul-de-sac: A local street of relatively short length with one (1) end open to traffic and the other end terminating in a vehicular turnaround.

Dead-end Street: A street temporarily having only one (1) outlet for vehicular traffic and intended to be extended or continued in the future.

Local Street: A street which provides direct access to abutting land and local traffic movement, whether in business, industrial or residential land.

Marginal Access Street: A local or collector street, parallel and adjacent to an arterial or collector street, providing access to abutting properties and protection from arterial or collector streets. (Also called Frontage Street or Service Road)

VICINITY MAP. A drawing located on the plat which sets forth by dimensions or other means, the relationship of the proposed subdivision or use to other nearby developments or landmarks and community facilities and services within the County, in order to better locate and orient the area in question.

WALKWAY. See sidewalk.

ZONE OR DISTRICT. A section of the zoning area for which uniform regulations governing the use, height, area, size and intensity of the use of buildings, land, and open spaces about buildings, are established.

SECTION 6. SEVERABILITY. Should any section or provision of this Article be declared by the courts to be unconstitutional or invalid, such decision shall not affect the validity of this Article as a whole, or any part thereof, other than the part so declared to be unconstitutional or invalid.

SECTION 7. PROCEDURES

7.1 Plat Submission Requirements. The subdivider shall submit to the Jefferson County Zoning Administrator eleven (11) copies of the preliminary plat and supplemental material specified, with written application for conditional approval, at least ten (10) days prior to the regular meeting of the Jefferson County Planning Commission at which the request will be heard.

7.2 Fees. Fees are set by the County.

7.3 Scale and Preliminary Plat Contents. Preliminary plats shall be a scale of one (1") inch to one hundred (100') feet, or 1" = 200' if 75% of the lots are one (1) acre or larger, and shall be prepared with the following information:

- A. Name, location, acreage, owner and designer of subdivision with legal description as shown by land records.
- B. Present zoning.
- C. Date, north point and graphic scale.
- D. Location of property lines, roads, existing utilities with size of lines, and other underground installations and easement.
- E. Names of adjoining properties or subdivisions.

- F. Proposed utility system, including water, sewer and paving.
- G. Dimensions, lot lines, except that in industrial type subdivisions, lot lines may be excluded.
- H. Location of proposed drainage.
- I. Contours at five (5') feet intervals at 1" = 200' scale.
- J. Proposed improvements and grading concepts.
- K. Location of existing buildings.
- L. Proposed easements, dedications and reservations of land required.
- M. Certification by Surveyor as to accuracy of survey and plat.

7.4 Notification of Improvement Schedule. Subdivider shall indicate by a letter when improvements as required will be provided; any proposed restrictive covenants for the land involved shall accompany the letter.

7.5 Notification of School Board. At least ten (10) days prior to the Jefferson County Planning Commission meeting at which the preliminary plat is to be considered for approval, the Planning Commission shall submit a copy of the proposal to the School Board of each School District which the proposed development affects, and shall notify the School Board of the meeting date. Copies of the plat may be submitted to any other agency which may be affected.

7.6 Approval or Rejection. After review of the preliminary plat and negotiations with the subdivider, the Jefferson County Planning Commission shall reject or conditionally approve the preliminary plat, within ninety (90) days after the official meeting at which the plat was considered.

7.7 Recording of Action. The action of the Jefferson County Planning Commission shall be noted on three (3) copies of the preliminary plat, referenced and attached to any conditions determined. One (1) copy shall be returned to the subdivider, one (1) copy relayed to the Governing Board and one (1) copy retained by the Planning Commission.

7.8 Approval is Conditional. Approval of a preliminary plat shall not constitute approval of the final plat; it shall be deemed an expression of approval or conditional approval of the submitted plat, as a guide for the preparation of the final plat, which will be subject to further consideration by the Jefferson County Planning Commission and the Governing Board. Any conditional approval of the preliminary plat shall be effective for a period of one (1) year unless an extension is granted by the Planning Commission.

7.9 Installation of Improvements for Final Plat Approval. Following approval of the preliminary plat, the subdivider shall:

- (1) Agree to install the required improvements or;
- (2) Sign an agreement, which shall be entered into only at the option of the County, thereby guaranteeing the installation of improvements; or
- (3) Furnish a bond or enter into an escrow or security agreement approved by the County Attorney in an amount sufficient to guarantee the installation of the required improvements.

7.10 Final Plat Submission Requirements. Final plats, showing entire concept, shall be submitted to the Jefferson County Zoning Administrator within one (1) year of approval of the preliminary plat, unless an extension is granted by the Planning Commission. The final plat shall

conform to the preliminary plat as approved and to the requirements of all applicable resolutions and State statutes; 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.

7.11 Scale and Final Plat Contents. One (1) original and two (2) mylar copies of the final plat and other exhibits required for approval shall be submitted. The final plat shall be drawn in ink on mylar and shall be at a scale of one (1") inch to one hundred (100') feet or larger. The final plat shall show the following:

- A. Date, title, name and location of subdivision.
- B. Streets and street names, lots, setback lines, lot numbers, etc, except that in industrial type subdivision lot designation may be excluded.
- C. Graphic scale and north arrow.
- D. Monuments (ferrous) 1" diameter, maximum, 30" length minimum.
- E. Dimensions, angles and bearings, and complete legal description of the property.
- F. Sufficient survey data to reproduce any line on the ground.
- G. Names of adjoining subdivisions.
- H. Location and dimensions of any easements.
- I. Purpose for which sites are dedicated or reserved, and the transfer of ownership of the same.
- J. Certification by surveyor as to accuracy of survey and plat.
- K. Certification signed and acknowledged by all parties holding title or having any title interest in the land subdivided and consenting to the preparation and recording of the plat as submitted.
- L. Certification recording the approval by the Planning Commission.
- M. Certification recording the approval by the County and the acceptance of any dedications.

7.12 Supplementary Data Required. The final plat shall be accompanied by:

- A. Construction plans of all required public improvements, approved by an Engineer.

7.13 Professional Assistance. The County or the Planning Commission may request such professional assistance as it deems necessary to properly evaluate the plats submitted at the subdividers expense.

7.14 Planning Commission Recommendations. The Planning Commission shall reject or approve the final plat and have prepared a recommendation to the Governing Board recommending rejection or approval. All reasons

for recommending rejection shall be clearly stated. Notification of approval or rejection by the Planning Commission or Governing Board shall be given the subdivider within sixty (60) days after submission of the final plat to the Planning Commission.

7.15 Administrative Subdivision. In the event that a proposed subdivision does not involve the platting and dedication of streets, extension of utility systems, change in subdivision class and type, change in zoning district, change in surface drainage, and will not result in the creation of more than three (3) lots of record, the subdivider may apply for administrative subdivision under the provisions of this section. The utilization of the administrative subdivision does not relieve the subdivider of its obligation to comply with Section 8: Streets, Alleys, Sidewalks and Driveways; and Section 9: Utility and Drainage Facilities of the Subdivision Regulations. The necessity of establishing and dedicating easements for utilities shall not bar the utilization of the administrative subdivision. The procedure for such application will be as follows:

1. Application will be made to the County Board. The County Board may act or may at their option refer the application to the Planning Commission. In the event it is referred to the Planning Commission, the procedures outlined under the final plat provisions shall be followed.
2. The subdivider shall submit an original and eleven (11) copies of the plat. The original shall be drawn in ink on tracing cloth, mylar, or similar material, and shall be at a scale of 1" to 100' or larger. The plat shall contain the following:
 - a. Date, title, name, and location of the subdivision.
 - b. Names and locations of abutting streets and lots identifying street names and lot and block numbers.
 - c. Identification of the new lot and block numbers and set back lines.
 - d. Graphic scale and true north point.
 - e. Monuments.
 - f. Dimensions, angles and bearings and complete legal description of the property.
 - g. Sufficient engineering data to reproduce any line on the ground.
 - h. Location, dimensions, and purposes of any existing easements.
 - i. Certification by surveyor or engineer certifying to the accuracy of the survey and plat.
 - j. Certification signed and acknowledged by all parties holding title or having any title interest in the land subdivided and consenting to the preparation and recording of the plat as submitted.
3. The plat shall be accompanied by:
 - a. Protective covenants in form for recording if such are desired by the subdivider.
 - b. For subdivisions adjoining or touching the boundaries of a County corporate limits; a tract or area for which annexation proceedings have been commenced; an approved subdivision which touches or

adjoins a County corporate limits, a petition signed by the owner or owners requesting annexation to the County.

c. Utility easements signed by the owner or owners to permit all lots created access to all utilities available in a County, including but not limited to, sanitary sewer, storm sewer, water, electrical, telephone, and cable television.

SECTION 8. STREETS, ALLEYS, SIDEWALKS, DRIVEWAYS.

8.1 Streets. The arrangements, character, extent, width, grade and location of all streets shall conform to the comprehensive development plan and shall be considered in their relation to existing and planned streets, to topographical conditions, to public convenience and safety, and in their appropriate relation to the proposed uses of the land to be served by such streets.

8.2 Street Extension. The street layout of the proposed subdivision shall provide for the continuation of appropriate projection of streets and alleys already existing in areas being subdivided. Where, at the determination of the County Board, it is desirable to provide street access to adjoining properties, proposed streets shall be extended by dedication to the boundaries of such properties. Where the County Board deems it necessary, such dead-end streets shall be provided with a temporary turnaround having a radius of at least sixty (60') feet. The street system for the proposed subdivision shall provide for extending existing streets at the same or greater width, but in no case shall a street extension be of less width than the minimum width required in these regulations for a street in its category.

8.3 Dedication of Right-of-Way for New Streets. The dedication of right-of-way for new streets measured from lot line to lot line shall be as shown on the comprehensive plan. All streets classified as arterial streets by the comprehensive plan shall have all points of access approved by the County Board. Marginal access streets may be required by the County Board for subdivisions fronting on arterial streets.

8.4 Dedication of Right-of-Way for Existing Streets. Subdivisions platted along existing streets shall dedicate additional right-of-way if necessary to meet the minimum street width requirements set forth in this Article. The entire minimum right-of-way width shall be dedicated where the subdivision is on both sides of an existing street. When the subdivision is located on only one (1) side of an existing street, one half of the required right-of-way width, measured from the center line of the existing roadway, shall be dedicated. Dedication of one half of the right-of-way for proposed streets along the boundaries of land proposed for subdivision shall be prohibited.

8.5 Intersections. Streets shall intersect as nearly as possible at an angle of 90 degrees, and no intersection shall be at any angle of less than 60 degrees. Street curb intersections shall be rounded by radii of at least twenty (20') feet. When the smallest angle of street intersection is less than 75 degrees, the County Board may require curb radii of greater length. Wherever necessary to permit the construction of a curb having a desirable radius without reducing the sidewalk at a street corner to less than normal width, the property line at such street corner shall be rounded or otherwise set back sufficiently to permit such curb construction. No lot or other parcel of land which abuts on and has access to either a collector or a minor street shall have a service drive, curb cut, or other means of access to an arterial street within sixty (60') feet of the right-of-way of any street which intersects such arterial street on the side on which such lot or parcel is located.

8.6 Widths, Grades and Sight Distance Requirements. Right-of-way widths, pavements widths, grades and sight distance requirements shall be as follows, but can be modified to meet the standards of the County.

TYPE	R.O.W.	PAVEMENT	GRADE	MINIMUM SIGHT DISTANCE ON CURVES
Arterial Street	*100'	46'	8%	400'
Marginal Access Streets	50'	26'	10%	300'
Collector Streets	* 80'	44'	10%	300'
Local Streets	60'	34'	10%Av.	300'
Alleys	20'	12' Residential 20' Commercial	no max. no max.	none none
Cull-de-sac Streets	60'	40'	10% Av.	200'

* Streets in these classifications shall be designed and graded to the full right-of-way widths stated.

The horizontal alignment on all streets except in unusual cases as determined by the Jefferson County Planning Commission shall as follows, but can be modified to meet the standards of the County.

STREET TYPE	RADII OF HORIZONTAL CURVES
Arterial Streets	700' Minimum
Collector Streets	300' Minimum
Local Streets	200' Minimum

8.7 Marginal Access Streets. Where a subdivision abuts or contains an existing or proposed arterial street, the County Board may require access streets, reverse frontage with screen planting contained in a non-access 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.

Where the proposed subdivision abuts upon or contains an existing or proposed arterial street or highway or which traffic volumes and vehicular speeds warrant special safety considerations, the County may require that marginal access streets be provided in order that no lots front on such existing or proposed arterial street or highway.

Where a subdivision borders on or contains a railway right-of-way or limited access highway right-of-way, the County 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.

8.8 Street Jogs. Street jogs with center line offsets of less than one hundred fifty (150') feet shall be prohibited. Cul-de-sacs, minor terminal or dead-end streets or courts which are designed so as to have one end permanently closed shall not be longer than six hundred (600') feet and shall be provided at the closed end with a turnaround having a radius at the outside of the right-of-way of at least sixty- five (65') feet.

8.9 Street Names. Proposed streets which are in alignment with other already existing and named streets shall bear the names of such existing streets. The name of a proposed street which is not in alignment with an existing street shall not duplicate the name of any existing street, irrespective of the use of the suffix street, avenue, boulevard, drive, place, court, lane, road, pike, highway, parkway or similar suffix. Whenever a street alignment changes direction more than 45 degrees without a return

to the original alignment within a distance of five hundred (500') feet, then the name of the street shall be changed at the point of curvature. Whenever a cul-de-sac street serves not more than three (3) lots, the name of the intersecting street shall apply to the cul-de-sac. To avoid duplication and confusion, the proposed names of all streets shall be approved by Jefferson County 911 addressing prior to such names being assigned or used.

8.10 Grading Specifications. All streets, roads and alleys shall be graded to their full widths by the subdivider, so that street pavements and sidewalks can be constructed on the same level plane. Deviation from this standard due to special topographical conditions will be allowed only with the approval of the County Engineer. Before grading is started, the entire right-of-way area shall be first cleared of all tree stumps, roots, brush, and other objectional materials and of all trees not intended for preservation. The subgrade shall be properly shaped, rolled and uniformly compacted to conform with the accepted cross-section and grades. In cuts and fills, all tree stumps, boulders, organic material, soft clay, spongy material and other objectionable materials shall be removed to a depth of at least two (2') feet below the graded surface. This objectionable matter, as well as similar matter from cuts, shall be removed from the right-of-way area and disposed of in such a manner that it will not become incorporated in fills or hinder proper operation of the drainage system.

8.11 Minimum Pavement Widths. Pavement widths shall be measured between curb backs.

8.12 Street Surfacing. The streets in the proposed subdivision shall be paved, including curbs and gutters, and street surfacing shall be of concrete or any other suitable surface as recommended by the designated County Engineer and approved by the County Board. Requirements for paving, including curb and gutter, may be waived at the request of the subdivider. Streets in such subdivision shall have a crushed rock or gravel surface which meets the specifications of the governing body.

8.13 Curb and Gutter. Curb and gutter shall be provided as required by the County Engineer. In areas of notable flash flooding or heavy rain run-off, curbs shall be required on all streets designed for areas where the existing or anticipated residential density of the areas surrounding the proposed subdivision equals or exceeds three (3) dwelling units per net acre. In commercial developments, or where other similar intensive urban uses exist or are anticipated, curbs shall be required. Where curbs exist on abutting properties, their extension shall be required throughout the proposed subdivision. All curb and gutter shall be constructed in

conformance with the minimum standards of the County and as approved by the County Engineer.

8.14 Blocks. Except in unusual circumstances, the maximum length of blocks shall be 1,320 feet.

8.15 Street Name Signs. Street name signs, of a type in use throughout the County, shall be erected by the subdivider at all intersections.

8.16 Alleys. Alleys where deemed necessary, shall be provided to give access to the rear of all lots used for commercial and industrial purposes. Minimum width of an alley shall be sixteen (16') feet. Alley intersections and sharp changes in alignment shall be avoided, but where necessary, corners shall be cut off sufficiently to permit safe vehicular movement.

Dead-end alleys shall be avoided where possible, but if unavoidable, shall be provided with adequate facilities at the dead-end, as determined by the Governing Board. Alleys need not be provided in residential areas where the subdivider produces evidence of easements which are satisfactory to the County Board.

8.17 Sidewalks. Sidewalks, where deemed necessary, shall be provided as required by County resolution and shall be constructed of Portland cement concrete or other acceptable materials as approved by the County Board. Sidewalk thickness shall be not less than four (4") inches and sidewalk width not less than five (5') feet. The sidewalk system for the proposed subdivision shall provide for extending existing sidewalks at the same or greater width, but in no case shall a sidewalk extension be of less width than the minimum width required in these regulations for a sidewalk.

8.18 Driveways. Driveways shall have a maximum grade of ten (10%) percent. Driveways and curb cuts shall be located not less than three (3') feet from the side lot lines. Curb cuts for straight curbs and the flare for rolled curbs shall be three (3') feet wider than the driveway pavement on each side.

8.19 Street and Walkway Lighting. Such lights, where deemed necessary shall be located at each street and walkway entrance to the subdivision. In addition, whenever the distance between two (2) adjacent street or walkway lights would exceed three hundred (300') feet, then additional street lights shall be installed in such manner that proper light intensity shall be provided and maintained. New subdivision street and walkway lighting may be installed with all associated wiring underground or overhead, as required by the Governing Board.

SECTION 9. UTILITY AND DRAINAGE FACILITIES.

9.1 Sewer and Water. It shall be required that the owner or developer of the tract to be subdivided install, satisfactory sewer and water lines which are necessary to serve such subdivision. Installation of the above shall be in accordance with the specifications of the Governing Body and under the direction and supervision of the County Board. Where adequate water and sewer lines are accessible within thirteen hundred twenty (1,320) feet

of the final plat, connections to these lines shall be made. Water lines shall be looped according to specifications set by the Governing Body.

The cost of providing this engineering service will be the responsibility of the owner or developer of the tract to be subdivided or by other agreement with the Governing Body. Design of municipal water mains and sanitary sewer lines shall conform to standards and guidelines approved by the County Engineer.

9.2 Sanitary Sewer Improvements. The following requirements shall govern sanitary sewer improvements:

1. Where an adequate public sanitary sewer system is reasonably accessible in the determination of the Governing Body, public sanitary sewers shall be installed to adequately serve all lots, including lateral connections to the public system. Public sewer system extensions shall meet the requirements of the Governing Body standards and the Nebraska Department of Environmental Quality and the Department of Health and Human Service System. Combinations of sanitary sewers and storm sewers shall be prohibited.
2. Where a public sanitary sewer system is not reasonably accessible, the subdivider may provide:
 - a. A central treatment plant, provided that such central treatment plant is installed in accordance with the City and State Department of Environmental Quality and Department of Health and Human Service System requirements, or
 - b. Lots may be served by individual disposal systems, if the provisions of the following section are met.
3.
 - a. Where the installation of individual disposal systems is considered, the suitability of the soil for individual systems, the absorptive ability of the soil, surface drainage, ground water level, and topography shall be the criteria for determining whether or not the installation of individual systems is permissible. Criteria shall be in accordance with the requirements of the Governing Body and the Nebraska Department of Environmental Quality and Department of Health and Human Service System.
 - b. Each lot so served shall be of a size and shape to accommodate the necessary length of tile field at a safe distance from and at a lower elevation than the proposed buildings. Such lot size and shape shall conform to the requirements of the zoning district in which they are located, provided that in no case shall said minimum lot be less than one (1) acre in area where there is a public water

supply available at the lot, and three (3) acres where there is not public water supply available.

- c. At least one (1) percolation test shall be made for each lot area being platted, and each test shall be located in close proximity to the proposed individual sewage disposal unit, be numbered and its location shown on the preliminary plat. All percolation tests shall be performed in accordance with the requirements of the Governing Body.

9.3 Drainage Improvements. An adequate system for the drainage of all surface water within the area being subdivided, including ditches, pipes, culverts, intersectional drains, drop inlets, bridges, and other structures, shall be constructed by the developer. Such drains shall comply as to size with such requirements, conformable to good engineering practice, as the County shall prescribe; provided that such drains in no event shall be less than fifteen inches (15") in diameter. Cross drains shall be constructed to accommodate all natural water flow, be built on a straight line and grade, be laid on a firm base but not on rock and be of sufficient length to permit construction of streets and alleys to their required width and grades. Surface drainage pipes shall be laid with the spigot end pointed in the direction of the flow, and all ends shall be fitted and matched to provide tight joints and a smooth uniform invert. Such pipes shall be placed at a depth below the road bed that is sufficient to avoid dangerous pressure from impact, and the top, in no event, shall be less than one foot (1') below the surface of the road bed.

A culvert or other drainage facility shall in each case be large enough to accommodate potential runoff from its entire upstream drainage area, whether inside or outside the subdivision. The County Engineer shall determine the necessary size of the facility, based on the provisions of the construction standards and specifications assuming conditions of maximum potential watershed development permitted by the zoning regulations.

The County Engineer shall also study the effect of each subdivision on existing downstream drainage facilities outside the area of the subdivision. Where it is anticipated that the additional runoff incident to the development or the subdivision will overload an existing downstream drainage facility or flood existing development upstream, the Jefferson County Planning Commission may withhold approval of the subdivision until provision has been made for the improvement of said potential condition in such sum as the Planning Commission shall determine. No subdivision shall be approved unless adequate drainage will be provided to an adequate drainage watercourse or facility.

Subdivision proposals and other proposed new development be required to assure that (a) all such proposals are consistent with the need to minimize flood damage, (b) all public utilities and facilities, such as sewer, gas, electrical, and water systems are located, elevated and constructed to minimize or eliminate flood damage, (c) adequate drainage is provided so as to reduce exposure to flood hazards so as to assure that all building sites are reasonably safe from flood hazards.

Lots shall be laid out so as to provide positive drainage away from all buildings and individual lot drainage shall be coordinated with the general storm drainage pattern for the area. Drainage shall be designed so as to avoid concentration of storm drainage water from each lot into areas not designed to handle flood waters. Lot drainage plans shall conform to the drainage study required for submittal approval.

9.4 Storm Sewers and Storm Water Drainage. Where an adequate public storm sewer system is available at the plat boundary, the subdivider shall construct a storm sewer system and connect with such storm sewer line. If such a storm sewer system is not accessible, natural drainage channels with easement of adequate width shall be provided, as determined by the County Engineer and approved by the Governing Body. Paved gutters or storm sewers shall be required if velocities are greater than specified in these regulations or cause destructive erosion. Storm drainage, including drain tile around basements, shall not be permitted to discharge into any sanitary sewer facility, but shall connect to an adequate drainage outlet.

9.5 Culverts and Bridges. Where natural drainage channels intersect any street right-of-way, it shall be the responsibility of the subdivider to have satisfactory bridges and/or culverts constructed. Where culverts are required, minimum requirements shall be observed as follows:

1. All culverts shall extend across the entire right-of-way width of the proposed street. The cover over the culvert and its capacity shall be determined by the County Engineer. The minimum diameter of a culvert pipe shall be fifteen (15") inches. Depending on existing drainage conditions, head walls may be required.
2. Driveway culverts shall have a minimum length of twenty (20') feet, and a minimum diameter of fifteen (15") inches. The driveway culverts shall be laid so as to maintain the flow lines of the ditch or gutter. Head walls may be required.

9.6 Solar Access. In order to promote the conservation of energy through the use of both passive and active solar systems, streets in residential subdivisions should, where possible, have an east-west alignment. Lots

intended for detached dwellings should be of sufficient width to allow the structure to be built with its longest axis running east-west.

In order to allow the orientations of structures on the site so as to maximize potential solar gain, side lot lines should run as near to north-south as possible providing that the angle between the side of lot line and the street right-of-way line on a straight street or the tangent to a curved street shall not be less than 80 degrees.

Any property owner or developer may grant or establish a solar sky-space easement to protect solar energy systems from shade. The easements shall be created in writing and shall be recorded separately or should be contained on the face of the plat. The easements shall run with the land.

9.7 Erosion Control. The subdivider shall be required to provide Storm Water Pollution Prevention Plans (SWPPP) through Nebraska Department of Environmental Quality (NDEQ) for the control of erosion of areas which are disturbed by grading operations by constructing temporary terraces on slopes, temporary silting basins, sod swales and spillways, and whatever may be necessary to prevent erosion and damage to adjacent properties from surface drainage as approved by the Governing Body and the Engineer.

9.8 Fire Protection. Fire hydrants shall be provided by the subdivider in all subdivisions with adequate public water supplies. The hydrants shall be located between property lines and curbs with all outlets facing or parallel to the street. Hydrants shall be placed at the corners of all blocks and mid-block for blocks exceeding eight hundred (800') feet in length. Hydrants shall also be required at the entrance and end of all cul-de-sacs exceeding four hundred (400') feet in length. The type of hydrant and control valves and the location of the hydrant shall be approved by the designated Fire Chief. The minimum size of any water line serving any hydrant shall not be less than six (6") inches in diameter and should be circulating water lines. The size and location of water lines shall be approved by the County Engineer and the Fire Chief.

9.9 Electric, Gas, and Telephone Improvements.

1. Electric service and telephone service shall be provided within each subdivision. Gas service may be required where reasonably accessible. Whenever such facilities are reasonably accessible and available, they may be required to be installed within the area prior to the approval of the final plat. Telephone, electric, street lighting, and communications conductors may be installed underground at the option of the Governing Body.
2. Overhead secondary utility lines, where installed shall be located at the rear of all lots if possible, or at a suitable location as determined by the County Engineer.
3. Whenever a sanitary sewer line and electric and/or telephone line is each placed underground in the same utility easement, the following provisions shall be applicable:
 - a. the total easement width shall not be less than fifteen (15') feet, and

- b. the sanitary sewer line shall be installed within three (3') feet of the easement, and the electric and/or telephone line shall be installed within three (3') feet of the opposite side of the easement.**

SECTION 10. SHARED IMPROVEMENT COSTS.

10.1 Extensions to Boundaries. The subdivider may be required to extend the necessary improvements to the boundary of the proposed subdivision to serve adjoining unsubdivided land, as determined by the County Board.

10.2 Off-site Extensions. If street or utilities are not available at the boundary of a proposed subdivision, and if the County Board finds the extensions across undeveloped areas would not be warranted as a special assessment to the intervening properties or as a Municipal expense until some future time, the subdivider may be required, prior to the approval of the final plat, to obtain necessary easements or right-of-way and construct and pay for such extensions. Such improvements shall be available for connections by subdividers of adjoining land.

SECTION 11. SUBDIVISION IMPROVEMENT PROCEDURE.

11.0 Subdivision Improvements Guarantees. Prior to the final plat approval, but after approval of all improvement plans and specifications, the subdivider shall complete all improvements required for the subdivision. Final plat approval shall not be given until the dedication of all appropriate improvements and acceptance thereof by the County Board.

In lieu of requiring the completion of all improvements prior to the final plat approval, the County Board may enter into an agreement with the subdivider whereby the subdivider shall guarantee to complete all improvements required by this Resolution and approved by the Planning Commission and County Board in a manner satisfactory to the County Board. To secure this agreement, the subdivider shall provide, subject to the approval of the County Board, one (1) or more of the guarantees set forth in Section 11.1, 11.2 and 11.3.

11.1 Surety Performance Bond. The subdivider shall obtain a performance bond from a bonding company authorized to do business in the State of Nebraska. The bond shall be payable to the Governing Body and shall be in an amount to cover one hundred ten (110%) percent of the cost of all improvements, as estimated by the subdivider and accepted by the County Board upon recommendations of the County Attorney and Engineer. The duration of the bond shall be until such time as the improvements are accepted by the County Board in accordance with Section 11.9 of this Resolution.

11.2 Escrow Account. The subdivider shall deposit cash, or other instrument readily convertible to cash at face value, either with the County Board or in escrow with a bank. The use of any instrument other than cash, and in the case of an escrow account, the bank with which the funds are to be deposited, shall be subject to the approval of the County Board. The amount of the deposit shall be an amount equal to one hundred ten (110%) percent of the estimated cost of all required improvements as estimated by the subdivider and accepted by the County Board upon recommendation of the County Engineer.

11.3 Security Agreement. The subdivider shall provide a Security Agreement guaranteeing the installation of all required improvements. The Security Agreement must be approved by the County Attorney and in an amount sufficient to guarantee the installation of all improvements.

In the case of an escrow account, the subdivider shall file with the County Board an agreement between the bank and himself guaranteeing the following:

1. That the funds of said escrow account shall be held in trust until released by the County Board and may not be used or pledged by the subdivider as security in any other matter during that period.
2. That in the case of a default on the part of the subdivider to complete said improvements, the bank shall immediately make the funds of said account available to the County Board for use in completion of the improvements.

11.4 Improvement (Assessment) District. Because the original intent of such improvements in already built-up areas, and because the Governing Body should not assume the risk of real estate development which results if the lots are unable to be sold and the subdivider defaults on the assessment payments, the use of improvement districts in connections with new subdivision developments shall not be used as a method of financing such improvements. Only in specific cases where the subdivider illustrates through extensive market research will the County Board consider acceptances of an improvement district as a means of financing the necessary improvements and providing financial security to the Governing Body.

11.5 Time Limits. Prior to the granting of final plat approval, the subdivider and the County Board shall agree upon a deadline for the completion of all improvements. Such deadline shall not exceed two (2) years from the date of final plat approval, provided, however, the County Board may extend that deadline for one (1) additional year where the subdivider present substantial reason for doing so and provides any

additional performance surety made necessary due to inflation or increased cost of completing the improvements.

11.6 Installation of Improvements. Developers may select either method or combination of methods listed below to comply with the minimum improvement requirements:

1. They may install the required improvements upon acceptance of plans and specifications being approved by County Engineer and County Board.

11.7 Plan Review Reimbursement. The subdivider or Sanitary and Improvements District shall reimburse the County such costs incurred by the County for Plan Review, Plan Check, and Plan Approval as to conformance with approved County Standards and Specifications, but such costs shall not exceed 1 percent of the total contracted cost for improvements in the subdivision.

11.8 Failure to Complete Improvements. If any portion of the required improvements shall fail to be completed and accepted for dedication in compliance with Section 11.9 below within the required time period, either for reason of non-completion or for reason of substandard and unacceptable construction, the County Board shall accept one (1) of the following sections:

1. Where improvements have been guaranteed under Section 11.1 of this Resolution, the bond shall be forfeited to the County.
2. Where improvements have been guaranteed under Section 11.2 of this Resolution, the County Board shall declare whatever security has been pledged as a guarantee to be forfeited.

Where the County Board is not already in possession of said security, it shall immediately take the actions necessary to obtain it.

Upon receipt of the security, the County Board shall use such to finance the completion of the improvements or rebuilding of substandard improvements. Unused portions of the surety shall be returned to the subdivider without interest.

11.9 Inspection and Certification. The County Engineer or other authorized person, at the expense of the subdivider, shall regularly inspect construction of required improvements for defects. Upon completion of the improvements, the County Engineer or other authorized person shall file with the County Board a statement either certifying that the improvements have been completed in the specified manner or listing defects in those improvements which do not meet the requirements of the approved improvement plans and specifications.

Upon completion of the improvements, the subdivider shall file with the County Board a statement stipulating the following:

1. That all required improvements are complete.
2. That these improvements are in compliance with the minimum standards specified by the Jefferson County Planning Commission and County Board.
3. That the subdivider knows of no defects from any cause in the improvements.
4. That these improvements are free and clear of any encumbrance or lien.

If the County Engineer or other authorized person has certified that the improvements are complete and free from defect, the County Board shall accept any dedication of improvements. The County Board may, at its discretion, accept the dedication of any portion of the improvements provided that all statements and agreements specified above have been received for that portion of the improvements.

11.10 Reduction of Guarantees. In those cases where improvement guaranteed have been made under Section 11.1 or 11.2 of this Resolution, the amount of the guarantee may be reduced upon acceptance in compliance with Section 11.9 of the dedication of a portion of the improvements.

11.11 Release of Guarantees. Upon acceptance, in accordance with Section 11.9 of this Resolution, the County Board shall authorize the release of the performance bond or the remaining portion of the escrow.

SECTION 12 DEDICATION OF PUBLIC LAND

12.1 Dedication.

- 1. At the time of final plat approval by the County Board, the owners shall be required to dedicate to the public use any streets, alleys, easements, and buffer strips as required by the County Board and these Regulations. Acceptance of dedicated land shall be recorded in the minutes of the County Board.**
- 2. Subdividers of "Commercial" type subdivisions may be required to dedicate land for off-street parking as determined necessary by the County Board.**

SECTION 13. ANNEXATION AND RECORDING OF PLAT.

13.1 Subdivision Annexation of Adjoining or Contiguous Properties. All subdivisions adjoining or contiguous to the corporate limits of an incorporated community in conformance with Nebraska State Statutes. (Ref ' ' 19-916)

SECTION 14. WAIVERS.

14.1 Granting of Waivers; Conditions. The County Board may grant waivers from the provisions herein, but only after determining that:

- 1. There are unique circumstances or conditions affecting the property,**
- 2. The variance is necessary for the reasonable and acceptable development of the property in question,**
- 3. The granting of the waivers will not be detrimental to the public welfare or injurious to the adjacent property.**

14.2 Recording of Plat. In no case shall the requirement of filing and recording a plat for subdivision be waived.

14.3 Planned Development. The County Board may also grant reasonable variances, if the subdivider concurrently submits an application for, and obtains approval of, a planned development. The subdivider shall indicate where the plans vary from the requirements of this Article and shall present sufficient evidence to support the request, indicating why the request will not be detrimental to the public health, safety and welfare.

SECTION 15. WAIVER FOR SMALL SUBDIVISIONS. The subdivider may make application for, and the County Board may grant, a waiver of some or all of the requirements provided for herein for small residential, commercial and industrial subdivisions where the following conditions exist:

1. The subdivision contains no more than four (4) lots, which total area of said lots shall not exceed one half (½) acre each, and conform to existing zoning regulations,
2. All lots of the proposed subdivisions shall be platted on existing streets,
3. Surfaces of all streets serving the subdivision meet, or exceed, street surface standards of the County,
4. Public water, sanitary sewer, storm sewer system facilities are available to all lots in the subdivision,
5. The development of the subdivision will not increase erosion or flooding potential, and
6. The subdivider demonstrates to the County Board that said development is in conformity with the potential development of abutting property. A subdivider requesting a waiver hereunder shall submit said request in writing to the County Board prior to the submission of a preliminary plat. The request for a waiver shall include a list of all requirements for which a waiver is sought by reference to code numbers and descriptive headings.

SECTION 16. PUBLIC SITES AND OPEN SPACES.

16.1 Recreation Standards. The Jefferson County Planning Commission may require that land be dedicated for parks and playgrounds or other recreation purposes. Such areas shall be shown and marked on both the preliminary and final plat, as "Dedicated for Park and/or Recreation Purpose." The developer shall dedicate all such recreation areas to the Governing Body as a condition of final subdivision plat approval. The Commission may require that the recreation area be located at a suitable place on the edge of the subdivision so that additional land may be added at such time as the adjacent land is subdivided. In no case shall an area of less than one (1) acre be reserved for recreation purposes if it will be impractical or impossible to secure additional lands in order to increase its area.

16.2 Recreation Sites. Land reserved for recreation purposes shall be of a character and location suitable for use as a playground, playfield, or for other recreation purposes; and shall be improved by the developer to the standards required by the Planning Commission, which improvements shall be included in the performance bond. A recreation site shall have a total frontage on one (1) or more streets of at least one hundred feet (100'), and no other dimension of the site shall be less than one hundred feet

(100') unless it is for a designated linear park. The Planning Commission may refer any subdivision proposed to contain a dedicated park to the Governing Body. All land to be reserved for dedication to the Governing Body for park purposes shall have prior approval of the County Board and shall be shown marked on the plat "Dedicated for Park."

SECTION 17. AMENDMENTS. Any provision herein from time to time may be amended, supplemented, changed, modified or repealed by the Governing Body according to law; Provided, however, that such amendments, supplements, changes, modifications or repealed provisions shall not become effective until after study and report and recommendations of the Planning Commission.