



Roll Call Number

Agenda Item Number

83

Date December 20, 2021

An Ordinance entitled, "AN ORDINANCE to amend the Municipal Code of the City of Des Moines, Iowa, 2000, adopted by Ordinance No. 13,827, passed June 5, 2000, as heretofore amended, by amending Section 135-8.3.2, relating to stormwater management",

presented.

Moved by _____ that this ordinance be considered and given first vote for passage.

FORM APPROVED:

(First of three required readings)

/s/ Glenna K. Frank
Glenna K. Frank
Assistant City Attorney

COUNCIL ACTION	YEAS	NAYS	PASS	ABSENT
COWNIE				
BOESEN				
GATTO				
GRAY				
MANDELBAUM				
VOSS				
WESTERGAARD				
TOTAL				

CERTIFICATE

I, P. Kay Cmelik, City Clerk of said City hereby certify that at a meeting of the City Council of said City of Des Moines, held on the above date, among other proceedings the above was adopted.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal the day and year first above written.

MOTION CARRIED APPROVED

Mayor

City Clerk

ORDINANCE NO. _____

AN ORDINANCE to amend the Municipal Code of the City of Des Moines, Iowa, 2000, adopted by Ordinance No. 13,827, passed June 5, 2000, as heretofore amended, by amending Section 135-8.3.2, relating to stormwater management.

Be It Ordained by the City Council of the City of Des Moines, Iowa:

Section 1. That the Municipal Code of the City of Des Moines, Iowa, 2000, adopted by Ordinance No. 13,827, passed June 5, 2000, as heretofore amended, by amending Section 135-8.3.2, relating to stormwater management, as follows:

135-8.3.2 SURFACE AND SUBSURFACE DRAINAGE

Adequate provisions for surface and subsurface drainage are required for all lots. To accomplish this, various stormwater management provisions are required including:

- A. Stormwater detention ~~may~~ shall be required in accordance with article XI of chapter 42 of this code. ~~for developed sites unless it is determined by the city engineer to be unnecessary or impractical. The allowable runoff from a site is equal to that from a five-year return frequency storm on the site prior to any development, such as when totally grassed. Temporary storage must be provided for the difference between the allowable runoff and the runoff from a 100-year storm on the site after development takes place. Proper runoff coefficients should be assigned to each developed area, including paving, building, grass and similar, consistent with Statewide Urban Design and Specifications (SUDAS). Calculations must be certified and submitted by an engineer, architect, or landscape architect registered in the State of Iowa and familiar with detention calculations.~~

~~Stormwater detention will be deemed necessary in the following circumstances:~~

- ~~1. Development of a previously undeveloped site larger than 10,000 square feet;~~
 - ~~2. Impervious surfaces reach 10,000 square feet for a previously developed site with no existing approved site plan. Impervious areas added prior to September 6, 1977 will not be counted towards the 10,000 square feet; and~~
 - ~~3. The sum of added impervious areas for multiple site plans exceed 10,000 square feet, at which point detention will be required for the combined total impervious area. Impervious areas added prior to September 6, 1977 will not be counted towards the 10,000 square feet.~~
- B. Stormwater quality requirements shall be required in accordance with article XI of chapter 42 ~~of this code shall be applicable to site plans when the disturbed area exceeds one acre in area.~~
- C. Site plans must show downspout locations and provide for adequate routing.
- D. Stormwater shall not be directed from driveways into the city right-of-way. Water should either be collected and piped to a storm sewer, or should exit the paving onto a grassed area, providing

the grassed area is large enough to accommodate the stormwater and not cause damage to adjacent property.

- E. Where city storm sewer facilities are available, stormwater and footing drains must be piped to the city system.
- F. Stormwater accommodations and lighting may be located in the area between the back of curb and the sidewalk, as determined by the development services director and city engineer.
- G. Sustainable stormwater management practices, such as rain gardens, bioswales, permeable pavement, or other similar technologies, may be utilized and may be required when determined reasonably practicable by the city engineer.
- H. Development shall conform with chapter 50 of this code for floodplain development.

~~For the purposes of this section, impervious areas and surfaces shall be determined using all building permits issued by the city's permit and development center, county assessor's records, and other documentation determined necessary by the development services director.~~

Section 2. This ordinance shall be in full force and effect on and after its passage and publication on February 1, 2022.

FORM APPROVED:

Ann DiDonato
Assistant City Attorney