



## Ordinance No. 151

**AN ORDINANCE OF THE CITY OF PATTISON, TEXAS AMENDING ORDINANCE NO. 137; PROVIDING RULES AND REGULATION FOR SUBDIVISIONS OF LAND; APPOINTING A FLOOD PLAIN ADMINISTRATOR; ADOPTING THE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION ATLAS 14 STANDARDS; PROVIDING FOR SEVERABILITY; AND PROVIDING AN EFFECTIVE DATE.**

**WHEREAS**, the City Council of the City of Pattison, Texas ("City") passed Ordinance No. 137 on February 2, 2021, which provided rules and regulations for subdivisions of land; and

**WHEREAS**, the City desires to amend Ordinance No. 137 to appoint a Flood Plain Administrator and to adopt the National Oceanic and Atmospheric Administration (NOAA) Atlas 14 standards; and

**WHEREAS**, prior to adoption of this Ordinance, the City Council held a public hearing in which all persons were allowed to comment and be heard on such amendments;

**NOW THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF PATTISON, TEXAS:**

**Section 1.** The facts and recitations contained in the preamble to this Ordinance are true and correct and incorporated herein for all purposes.

**Section 2.** Ordinance No. 137 is amended for Section 8 (Flood Plain Certification), Division 2 (Plat Notes), Article IV (Engineering Design Standards and Plat Notations) to read as follows:

"The following note shall appear on the face of the Plat, 'Structures built on lots in the designated Flood Plain shall be elevated to one foot (1') above the Base Flood Elevation. No building permits will be issued in a Flood Hazard Area below the base flood elevation (B.F.E.). Contact the City Engineer's Office for specific information.' The City appoints the City Engineer at its Flood Plain Administrator."

**Section 3.** Ordinance No. 137 is amended for the Purpose section, Section 1 (Introduction), Division 3 (Drainage Criteria Manual), Article IV (Engineering Design Standards and Plat Notations) to read as follows:

"Methods of design and analysis other than those included in this Manual may be considered in certain cases where there may be inherent problems with the traditional methods. The National Oceanic and Atmospheric Administration (NOAA) Atlas 14 rainfall data must be used in all instances. However, any

deviation from this Manual will require consideration and acceptance by the City Engineer before approval will be granted for any work based on these alternatives.”

**Section 4.** Ordinance No. 137 is amended for the Detention Facility Inflow Hydrograph criteria section, Section 5 (Detention Facilities), Division 3 (Drainage Criteria Manual), (Engineering Design Standards and Plat Notations) to read as follows:

“The total volume of runoff generated by the design storm event is the amount of rain that falls upon the watershed minus losses attributable to surface storage, soil infiltration, evaporation & transpiration, etc. For the purposes of projects within City jurisdiction, designers shall use a cumulative depth of excess rainfall consistent with the nearest station from NOAA. Therefore, the total runoff volume is calculated by multiplying the cumulative depth of excess rainfall for the design storm event by the watershed area.”

**Section 5.** Ordinance No. 137 is amended for Table C, Section 6 (Design Parameters), Division 3 (Drainage Criteria Manual), (Engineering Design Standards and Plat Notations) to read as follows:

“Table C  
Design Intensity Values for Use in City of Pattison  $I = b/(Tc + d)e$   
(Based on NOAA’s Atlas 14)

Storm Frequency	e	b	d
2-year	0.7962	63.3769	12.3799
5-year	0.7737	71.4160	12.0518
10-year	0.7521	75.9155	11.7528
25-year	0.7252	81.2936	11.4671
50-year	0.7012	82.4987	10.9481
100-year	0.6829	86.2332	11.1001”

**Section 6.** All other parts of Ordinance 137, including the penalty which shall be applicable to this Ordinance by reference, shall remain in full force and effect.

**Section 7. Severability.**

In the event any clause, phrase, provision, sentence or part of this Ordinance or the application of the same to any person or circumstances shall for any reason be adjudged invalid or held unconstitutional by a court of competent jurisdiction, it shall not affect, impair, or invalidate this Ordinance as a whole or any part or provision hereof other than the part declared to be invalid or unconstitutional; and the city council of the City of Pattison, Texas, declares that

it would have passed each and every part of the same notwithstanding the omission of any part thus declared to be invalid or unconstitutional, or whether there be one or more parts.

**Section 8.** *Effective Date.*

This Ordinance shall become effective immediately upon passage.

PASSED, APPROVED and ADOPTED this, the 2<sup>nd</sup> day of December, 2021

  
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Joe Garcia, Mayor

ATTEST:

  
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Lorene L. Hartfiel, City Secretary