

FACT SHEET**CITY OF SHREVEPORT, LOUISIANA**

<u>TITLE</u>	<u>DATE</u>	<u>ORIGINATING DEPARTMENT</u>
An ordinance to revise Chapter 34, Article II, Division 3 of the City of Shreveport, Louisiana, Code of Ordinances, relative to provisions for flood hazard reduction and to otherwise provide with respect thereto.	December 29, 2020	Department of Engineering and Environmental Services
		<u>COUNCIL DISTRICT</u>
		City-wide
		<u>SPONSOR</u>

PURPOSE

To revise Chapter 34, Article II, Division 3 of the Shreveport City Code relative to provisions for flood hazard reduction.

BACKGROUND INFORMATION

Chapter 34, Article II, Division 3 of the Shreveport City Code relative to provisions for flood hazard reduction is in need of revisions to update the requirements and standards. The City of Shreveport is a Community Rating System (CRS) Class 8 community. Therefore, the community must adopt and enforce at least a 1-foot freeboard requirement (including equipment or mechanical items) for all residential buildings, including manufactured homes, constructed, substantially improved, and/or reconstructed due to substantial damage, throughout its Special Flood Hazard Area (SFHA) where base flood elevations have been determined on the Flood Insurance Rate Map (FIRM) or in the Flood Insurance Study (FIS), except those areas that receive open space credit under Activity 420 (Open Space Preservation).

TIMETABLE

Introduction: January 12, 2021
Final Passage: January 26, 2021

ATTACHMENTS**SPECIAL PROCEDURAL REQUIREMENTS**

None

FINANCES

NA

SOURCE OF FUNDS

NA

ALTERNATIVES

(1) Adopt the ordinance as submitted, or (2) Amend the ordinance, or (3) Reject the ordinance.

RECOMMENDATION

It is recommended that the City Council adopt the ordinance.

FACT SHEET PREPARED BY: Matthew Redmon, P.E.
Assistant City Engineer

ORDINANCE NO. _____ OF 2021

AN ORDINANCE TO REVISE CHAPTER 34, ARTICLE II, DIVISION 3 OF THE CITY OF SHREVEPORT, LOUISIANA, CODE OF ORDINANCES, RELATIVE TO PROVISIONS FOR FLOOD HAZARD REDUCTION AND TO OTHERWISE PROVIDE WITH RESPECT THERETO.

BY COUNCILMEMBER:

WHEREAS, the Shreveport City Code Chapter 34, Article II, Division 3 relative to provisions for flood hazard reduction is in need of revisions to update the requirements and standards to comply with Community Rating System (CRS) Class 8 requirements; and

WHEREAS, the Department of Engineering and Environmental Services manages the CRS program and reviews building permit applications for compliance with this Article.

WHEREAS, it is recommended that the City revise its ordinance so as to update the requirements and standards associated with these CRS Class 8 requirements.

NOW, THEREFORE, BE IT ORDAINED by the City Council of the City of Shreveport, Louisiana, in due, legal and regular session convened, that Chapter 34 of the City of Shreveport, Louisiana, Code of Ordinances shall be modified as follows:

Section 34-67. – Specific standards.

“(2) New construction and substantial improvement of any residential structure or placement of a manufactured home shall have the lowest habitable floor elevated to a minimum of one foot above the base flood elevation.” shall be replaced with:

“(2) New construction and substantial improvement of any residential structure shall have the lowest habitable floor including equipment or mechanical items elevated to a minimum of one foot above the base flood elevation.”

“(3) New construction and substantial improvement of any commercial, industrial or other nonresidential structure shall either have the lowest floor elevated to a minimum of one foot above the base flood elevation; or, together with attendant utility and sanitary facilities, shall:” shall be replaced with:

“(3) New construction and substantial improvement of any commercial, industrial or other nonresidential structure shall either have the lowest floor including equipment or mechanical items elevated to a minimum of one foot above the base flood elevation; or, together with attendant utility and sanitary facilities, shall.”

“(4) All manufactured homes shall be placed in accordance with section 34-66 and according to the provisions contained in Manufactured Home Installation in Flood Hazard Areas, published by the Federal Emergency Management Agency, volume FEMA 85, September, 1985, and all revisions thereto.” shall be replaced with:

“(4) All manufactured homes shall be placed in accordance with section 34-66 and according to the following requirements:

(a) All manufactured homes to be placed within Zone A on a community's FIRM shall be installed using methods and practices which minimize flood damage. For the purposes of this requirement, manufactured homes must be elevated and anchored to resist flotation, collapse, or lateral movement. Methods of anchoring may include, but are not limited to, use of over-the-top or frame ties to ground anchors. This requirement is in addition to applicable State and local anchoring requirements for resisting wind forces.

(b) All manufactured homes that are placed or substantially improved within Zone AE on the community's FIRM on sites (i) outside of a manufactured home park or subdivision, (ii) in a new manufactured home park or subdivision, (iii) in an expansion to an existing manufactured home park or subdivision, or (iv) in an existing manufactured home park or subdivision on which a manufactured home has incurred "substantial damage" as a result of a flood, be elevated on a permanent foundation such that the bottom of the longitudinal structural I beam of the manufactured home including equipment or mechanical items is elevated to a minimum of one foot above the base flood elevation and be securely anchored to an adequately anchored foundation system to resist flotation, collapse, and lateral movement.

(c) All manufactured homes that are placed or substantially improved on sites in an existing manufactured home park or subdivision with Zone AE on the community's FIRM that are not subject to the provisions of paragraph (4)(b) of this section be elevated so that either:

(i) the bottom of the longitudinal structural I beam of the manufactured home including equipment or mechanical items is elevated to a minimum of one foot above the base flood elevation, or

(ii) the manufactured home chassis is supported by reinforced piers or other foundation elements of at least equivalent strength that are no less than 36 inches in height above grade and be securely anchored to an adequately anchored foundation system to resist flotation, collapse, and lateral movement.”

Section 34-69. – Standards for areas of shallow flooding (AO and AH zones).

“(2) New construction and substantial improvement of any residential structure or placement of a manufactured home shall have the lowest habitable floor elevated to a minimum of one foot above the base flood elevation.” shall be replaced with:

“(2) New construction and substantial improvement of any residential structure shall have the lowest habitable floor including equipment or mechanical items elevated to a minimum of one foot above the base flood elevation.”

“(3) New construction and substantial improvement of any commercial, industrial or other nonresidential structure shall either have the lowest floor elevated to a minimum of one foot above the base flood elevation; or, together with attendant utility and sanitary facilities, shall:” shall be replaced with:

“(3) New construction and substantial improvement of any commercial, industrial or other nonresidential structure shall either have the lowest floor including equipment or mechanical items elevated to a minimum of one foot above the base flood elevation; or, together with attendant utility and sanitary facilities, shall:”

“(4) All manufactured homes shall be placed in accordance with section 34-66 and according to the provisions contained in Manufactured Home Installation in Flood Hazard Areas, published by the Federal Emergency Management Agency, volume FEMA 85, September, 1985, and all revisions thereto.” shall be replaced with:

“(4) All manufactured homes shall be placed in accordance with section 34-66 and according to the following requirements:

(a) All manufactured homes to be placed within Zone A on a community's FIRM shall be installed using methods and practices which minimize flood damage. For the purposes of this requirement, manufactured homes must be elevated and anchored to resist flotation, collapse, or lateral movement. Methods of anchoring may include, but are not limited to, use of over-the-top

or frame ties to ground anchors. This requirement is in addition to applicable State and local anchoring requirements for resisting wind forces.

(b) All manufactured homes that are placed or substantially improved within Zone AO or Zone AH on the community's FIRM on sites (i) outside of a manufactured home park or subdivision, (ii) in a new manufactured home park or subdivision, (iii) in an expansion to an existing manufactured home park or subdivision, or (iv) in an existing manufactured home park or subdivision on which a manufactured home has incurred "substantial damage" as a result of a flood, be elevated on a permanent foundation such that the bottom of the longitudinal structural I beam of the manufactured home including equipment or mechanical items is elevated to a minimum of one foot above the base flood elevation and be securely anchored to an adequately anchored foundation system to resist flotation, collapse, and lateral movement.

(c) All manufactured homes that are placed or substantially improved on sites in an existing manufactured home park or subdivision with Zone AO or Zone AH on the community's FIRM that are not subject to the provisions of paragraph (4)(b) of this section be elevated so that either:

(i) the bottom of the longitudinal structural I beam of the manufactured home including equipment or mechanical items is elevated to a minimum of one foot above the base flood elevation, or

(ii) the manufactured home chassis is supported by reinforced piers or other foundation elements of at least equivalent strength that are no less than 36 inches in height above grade and be securely anchored to an adequately anchored foundation system to resist flotation, collapse, and lateral movement."

BE IT FURTHER ORDAINED that if any provision or item of this Ordinance or the application thereof is held invalid, such invalidity shall not affect other provisions, items or applications of this Ordinance which can be given affect without the invalid provisions, items or applications and to this end the provisions of this Ordinance are hereby declared severable.

BE IT FURTHER ORDAINED that all Ordinances or parts thereof in conflict herewith are hereby repealed.

BE IT FURTHER ORDAINED that this Ordinance shall become effective in accordance with the provisions of [Shreveport City Charter Section 4.23](#).

THUS DONE AND ORDAINED by the City Council of the City of Shreveport,
Louisiana.

APPROVED AS TO LEGAL FORM:

City Attorney's Office