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ORDINANCE NO.: 2023-026

*Amending the 1998 Code of Ordinances of the City of Columbia, South Carolina, Chapter 21, Stormwater Management and Sedimentation Control, Article III, Flood Damage Prevention, Division 3, Flood Hazard Reduction, Section 21-172, Specific Standards*

BE IT ORDAINED by the Mayor and Council this 7<sup>th</sup> day of March, 2023, that the 1998 Code of Ordinances of the City of Columbia, South Carolina, Chapter 21, Stormwater Management and Sedimentation Control, Article III, Flood Damage Prevention, Division 3, Flood Hazard Reduction, Section 21-172, Specific Standards is amended to read as follows:

Sec. 21-172. Specific standards.

In all areas of special flooding hazard where base flood elevation data has been provided, the following provisions are required:

(1) Residential construction. New construction and substantial improvement of any residential structure (including manufactured homes) shall have the lowest floor, including machinery and equipment, elevated no lower than two feet above the base flood elevation. No basements are permitted. Should solid foundation perimeter walls be used to elevate a structure, flood openings sufficient to facilitate the unimpeded movement of floodwaters shall be provided in accordance with standards of subsection (3) of this section.

(2) Nonresidential construction. New construction and substantial improvement of any commercial, industrial or nonresidential structure (including manufactured homes) shall have the lowest floor, including machinery and equipment, elevated no lower than two feet above the level of the base flood elevation. No basements are permitted. Structures located in all A zones may be flood proofed in lieu of being elevated provided that all areas of the structure below the required elevation are watertight with walls substantially impermeable to the passage of water, and use structural components having the capability of resisting hydrostatic and hydrodynamic loads and the effects of buoyancy. A registered professional engineer or architect shall certify that the standards of this subsection are satisfied.

Requested by:

Utilities and Engineering

Approved by:

Cherise B. Wilson  
City Manager

Approved as to form:

[Signature]  
City Attorney

[Signature]  
Mayor

ATTEST:

Erika D. Hammond  
City Clerk

Introduced: 2/21/2023

Final Reading: 3/7/2023

Last revised: 2/2/2023  
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