



QUICK RESPONSE

Saving life and property through effective licensing, plan review, and inspection of fire protection systems.

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HORIZONTAL SIDEWALL SPRINKLER IN LINTELS AND SOFFITS

Horizontal sidewall sprinklers shall be installed where the distance from the ceiling to the bottom of the lintel or soffit is at least 2-inches greater than the distances from the ceiling to the sidewall deflectors.

Where soffits used for the installation of **horizontal sidewall sprinklers** exceed eight inches in depth or projection from the wall, additional sprinklers shall be installed below the soffit. Evaluation of a **horizontal sidewall sprinkler** includes its ability to project water to the back wall area of a soffit and wall. This ability decreases as the depth of the soffit increases. The 8-inch maximum soffit is viewed as the maximum practical depth.

When **horizontal sidewall sprinklers** are installed in a back-to-back configuration (Figure 2), the width of the soffit shall not exceed 16-inches.

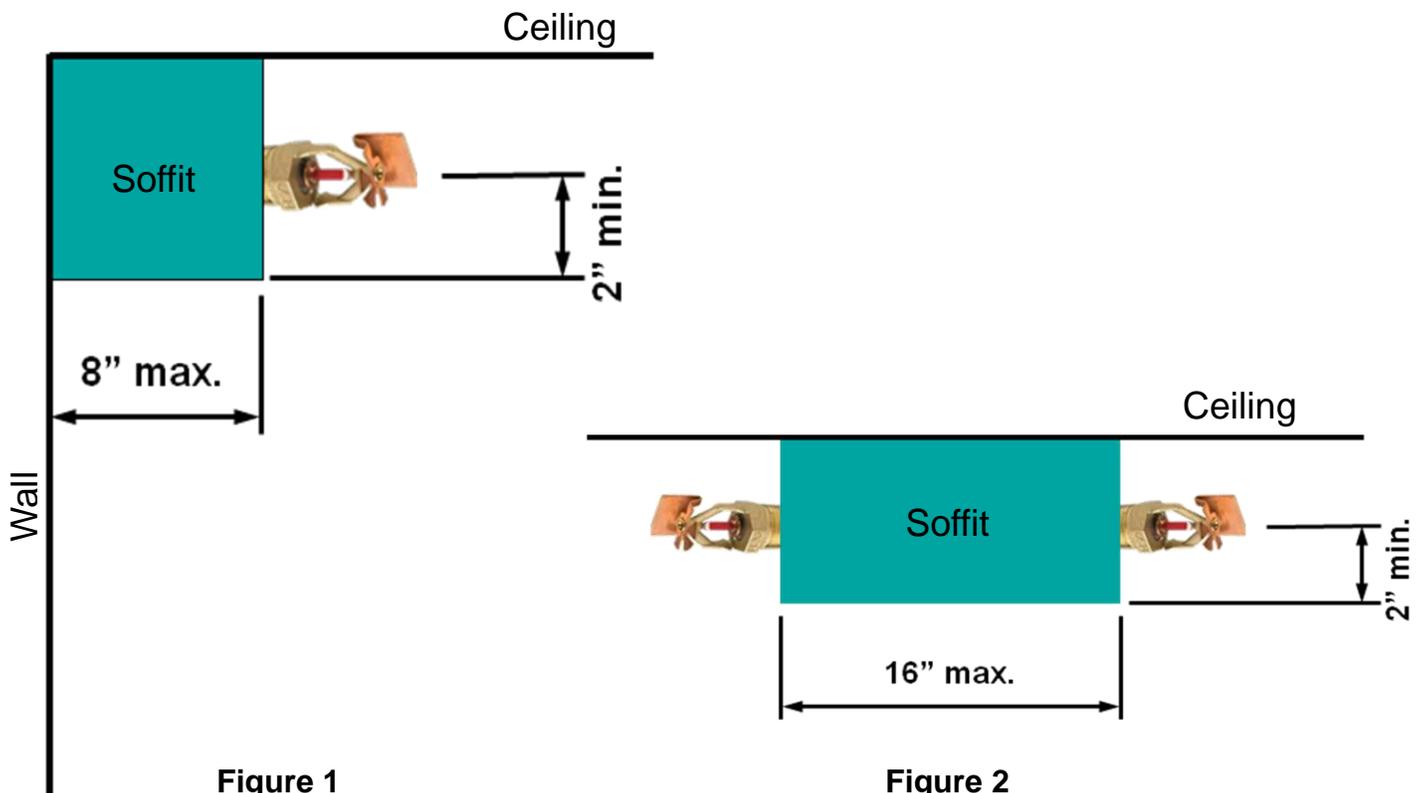


Figure 1

Figure 2