



South Carolina Department of Labor, Licensing and Regulation
South Carolina Building Codes Council
 P.O. Box 11329 • Columbia, SC 29211
 110 Centerview Dr. Columbia, SC 29210
 Phone: 803-896-4688 Fax: 803-896-4814
 www.llr.sc.gov/POL/BCC/



Request for Statewide Code Modification

Jurisdiction or Organization: City of Charleston – Charleston Fire Department

Representative: Mike Julazadeh **Title:** Chief Fire Marshal

Address: 2 George Street Charleston, SC 29401

Phone: (843) 724-3429 **E-mail:** JULAZADEHM@charleston-sc.gov

Signature: *Michael A. Julazadeh* **Date:** 5/30/2018

Code: International Fire Code **Edition:** 2018 **Section:** 507.1

Check One: Delete and substitute the following Delete without substitution Add the following Modify the following
 Type or print proposed modification. Use additional pages if necessary. Underline new language. ~~Line through Deleted Language.~~

507.1 Required water supply. An approved water supply capable of supplying the required the required fire flow for fire protection shall be provided to premises on which facilities, buildings or portions of buildings are hereafter constructed or moved into the or within the jurisdiction to meet the necessary fire flow as determined by the fire code official. Where public water supply is inadequate or not available, an approved alternative water source meeting the fire flow requirements shall be provided. Fire flow performance test shall be witnessed by the fire code official, or representative, prior to final approval.

~~Location. The location and number of hydrants shall be designated by the fire official, but in no case, shall distance between installed fire hydrants exceed 1000 feet (305 m). Fire hydrants shall be located within 500 feet (152 m) of all fire fighter access points when measured along the normal routes of fire department vehicle access which conforms to the requirements of section 503. No point of the exterior of a building shall be located more than 500 feet (152 m) from a hydrant accessible to fire department vehicles as provided in section 503.~~

Exception. One and two family dwellings, including attached or detached accessory structures that are not part of a multi-building residential development are allowed to use an approved alternative water source meeting the fire flow requirements as determined by the fire code official.

Reason: Unusually Restrictive Impractical Threat to Human Injury or Life Safety
 Type or print the reason for the proposed modification. Use additional pages if necessary.

The previous modification attempted to merge multiple sections of the code and caused confusion regarding the specific application. The information regarding the location and spacing of hydrants of fire hydrants has been removed from the original modification as it is addressed in IFC section 507.5.1. This modification attempts to provide a more reviewed scope and offers clarity to the exception.

