

From: James A. Duley <JDuley@charlestoncounty.org>
Sent: Friday, April 3, 2026 1:27 PM
To: mcclellanville@outlook.com
Subject: Internation Fire Code for water supply
Attachments: 1000002324.jpg

Michelle,

Here is the section of the 2021 International Fire Code that would apply to developments that are in area without hydrants. I hope this helps.

IFC section(s) 3313.1 3313.2 3313.3

3313.3: An approved water supply for fire protection, either temporary or permanent, shall be made available as soon as combustible building materials arrive on the site, on commencement of vertical combustible construction and on installation of a standpipe system in buildings under construction, in accordance with Sections 3313.2 through 3313.5. Exception: The fire code official is authorized to reduce the fire-flow requirements for isolated buildings or a group of buildings in rural areas or small communities where the development of full fire-flow requirements is impractical.

3313.2: When combustible building materials of the building under construction are delivered to a site, a minimum fire flow of 500 gallons per minute (1893 L/m) shall be provided. The fire hydrant used to provide this fire-flow supply shall be within 500 feet (152 m) of the combustible building materials, as measured along an approved fire apparatus access lane. Where the site configuration is such that one fire hydrant cannot be located within 500 feet (152 m) of all combustible building materials, additional fire hydrants shall be required to provide coverage in accordance with this section

3313.3: Prior to commencement of vertical construction of Type III, IV or V buildings that utilize any combustible building materials, the fire flow required by Sections 3313.3.1 through 3313.3.3 shall be provided, accompanied by fire hydrants in sufficient quantity to deliver the required fire flow and proper coverage.

As attached is the picture of the dry hydrant in Pamlico Trace in Awendaw.

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