

APPENDIX C  
FIRE HYDRANT LOCATIONS AND DISTRIBUTION

SECTION C101.1  
IFC Interpretation 41-07  
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**102.1 Construction and design provisions.** The construction and design provisions of this code shall apply to:

1. Structures, facilities and conditions arising after the adoption of this code.
2. Existing structures, facilities and conditions not legally in existence at the time of adoption of this code.
3. Existing structures, facilities and conditions when identified in specific sections of this code.
4. Existing structures, facilities and conditions which, in the opinion of the fire code official, constitute a distinct hazard to life or property.

**IRC REFERENCED SECTION:**

**R101.2 Scope.** The provisions of the *International Residential Code for One- and Two-family Dwellings* shall apply to the construction, alteration, movement, enlargement, replacement, repair, equipment, use and occupancy, location, removal and demolition of detached one- and two-family dwellings and townhouses not more than three stories above-grade in height with a separate means of egress and their accessory structures.

**IFC REFERENCED SECTIONS: Complete text of referenced sections not shown.**

**Section 503 Fire Apparatus Access Roads.**

**Appendix D Fire Apparatus Access Roads. (when duly adopted)**

**Section 508 Fire Protection Water Supplies.**

**Appendix B Fire-Flow Requirements for Buildings. (when duly adopted)**

**Appendix C Fire Hydrant Locations and Distribution. (when duly adopted)**

**C101.1 Scope.** Fire hydrants shall be provided in accordance with this appendix for the protection of buildings, or portions of buildings, hereafter constructed.



**Q:** In accordance with the provisions of Section 102.1 of the *International Fire Code*, do the provisions of Section 503 (Fire Apparatus Access Roads), and Appendix D (Fire Apparatus Access Roads) when duly adopted, and Section 508 (Fire Protection Water Supplies), with Appendix B (Fire-Flow Requirements for Buildings) when duly adopted, and Appendix C (Fire Hydrant Locations and Distribution), when duly adopted, apply to site developments upon which detached one- and two-family dwellings and/or townhouses are constructed in accordance with the *International Residential Code for One- and Two-Family Dwellings*?

**A:** Yes. It is intended that the provisions in Section 102.1 of the *International Fire Code* apply to the design and construction of fire apparatus access roads, fire protection water supplies, fire-flow requirements, and fire hydrant locations for residential sites developed for the construction of detached one- and two-family dwellings and townhouses regulated by the *International Residential Code for One- and Two-Family Dwellings*.

In accordance with Section R101.2 of the *International Residential Code*, the *International Residential Code* is designed and intended for use as a stand-alone code for the construction of detached one- and two-family dwellings and townhouses not more than three stories in height. As such, the construction of detached one- and two-family dwellings and townhouses shall be regulated exclusively by the *International Residential Code*, and are not subject to the provisions of any other International Codes other than to the extent specifically referenced. Although the *International Residential Code* regulates the construction of detached one- and two-family dwellings and townhouse structures, it does not contain provisions to regulate the design and construction of emergency access to and community fire protection for residential developments upon which such dwelling structures are constructed.

## INTERNATIONAL FIRE CODE

Where the *International Fire Code* is adopted, the design, construction, regulation, and maintenance of fire apparatus access roads for servicing such residential developments shall comply with the provisions of Section 503.

Where Appendix D of the *International Fire Code* is adopted, the design, construction, regulation, and maintenance of fire apparatus access roads for servicing such residential developments shall comply with the provisions of Appendix D.

Where the *International Fire Code* is adopted, the design, construction, regulation, and maintenance of fire protection water supplies for servicing such residential developments shall comply with the provisions of Section 508.

Where Appendix B of the *International Fire Code* is adopted, the design, construction, regulation, and maintenance of fire-flow requirements for buildings for servicing such residential developments shall comply with the provisions of Appendix B.

Where Appendix C of the *International Fire Code* is adopted, the design, construction, regulation, and maintenance of fire hydrant locations and distribution for servicing such residential developments shall comply with the provisions of Appendix C.

These specific requirements from the *International Fire Code*, as referenced herein, are applicable for the design and construction regulations to provide necessary emergency access and community fire protection for residential developments that are not regulated within the scope of the *International Residential Code*.

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