

The Colony Fire Department Developers Guide

The requirements listed below are a guide to assist developers. Final approval is required by The Colony Fire Department.

Fire Lane Requirements:

- Reach: Required to reach all exterior walls within 150 feet
- Minimum Fire Lane Width: Twenty-four (24) feet (Face to Face)
- Turning Radius: Twenty (20) foot inside radius with an outside radius of twenty (20) foot PLUS the width of the Fire Lane.
- Fire Lane Striping: Six (6) inch Red Stripe with four (4) inch White Letters at fifteen (15) feet intervals. Must read: NO PARKING FIRE LANE
- Clearance Height: A minimum of fourteen (14) feet of clearance height must be maintained above the Fire Lane.
- Turn-Arounds: When it is not possible to connect both ends of the Fire Lane to a dedicated street, approved turn-arounds must be provided. Dead-end Fire Lanes without approved turn-arounds must not exceed 150 feet in length.
- Gates: Gates across Fire Lanes require approval with Opticom and Knox access.
- Concrete: Fire Lane concrete must be per City specifications.

Fire Hydrant Location Requirements:

- Must be located within fifty (50) feet of a Fire Department Connection
- Commercial: 300 Feet along Fire Lane or Public Street (maximum spacing)
- Multi-Family: 400 Feet along Fire Lane or Public Street (maximum spacing)
- Residential: 500 Feet along Fire Lane or Public Street (maximum spacing)
- No plants or shrubbery shall be planted within six (6) feet of Fire Department equipment, including FDC and Hydrants.

Fire Sprinklers:

- Required in all commercial buildings greater than 6,000 square feet in area.

Stand Pipes:

- Required in buildings more than two (2) stories and where any occupied floor is more than thirty (30) feet above grade or (30) feet below grade.
- In buildings more than 10,000 square feet, standpipes shall be provided where any portion of the building's interior area is more than 200 feet of travel, vertically or horizontally, from the nearest point of Fire Department vehicle access.

Fire Department Connections:

- Preferred on building and not the yard.
- Size and number will depend on occupancy.

Kitchen Hood Extinguishing System:

- Required any time grease laden vapors are produced, regardless of type of occupancy.

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Fire Alarm Systems:

- Based on occupancy, occupant load and use of the facility.

Key boxes:

- Required to be installed for Fire Department rapid entry in all non-residential buildings where access may be required during non-business hours.

Hazardous Materials:

- Must be discussed on a case by case basis with the Fire Marshal.

Fire apparatus access roads and water supply for fire protection shall be installed and functional prior to and during construction.

It is the responsibility of the General Contractor to ensure that fire apparatus access roads are maintained, unobstructed and passable to emergency equipment at all times. This is to ensure the safety of the construction workers.

Shop Drawings for fire protection systems shall be submitted to the Fire Department for review and approval prior to installation.

Shop Drawings for fire alarm systems shall be submitted to the Fire Department for review and approval prior to installation.

Inspections/acceptance tests will be conducted on all fire protection/alarm systems.

Emergency responder radio coverage in new buildings shall have approved radio coverage for emergency responders within the building based upon the existing coverage levels of the public safety communication systems of the jurisdiction at the exterior of the building.

All construction shall comply with City ordinance #2014-2044 adopting the 2012 International Fire Code and amendments.

Amendments are available at <http://library.municode.com/index.aspx?clientId=13892>
Chapter 9, Article III.

Contact: (For Specific Questions)

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