

# Brandon Fire and Emergency Services



## Fire Hydrant Location / Fire Department Connection Regulation – “P20”

*The following Regulation is in accordance with the City of Brandon’s Fire Prevention By-Law #7200*

### Fire Hydrant Spacing on Streets

- ❑ Fire hydrants will be spaced on streets at distances not greater than 153 metres (500’) apart as measured along the street curb line.

### Fire Hydrants Spacing on Cul-de-Sacs / Terminal Streets

- ❑ All exterior walls must be within 153 metres (500’) of a fire hydrant as measured along the street curb line. If required, the fire hydrant shall be installed on the intersecting street at or near the intersection of the cul-de-sac / terminal street.

### Consideration of Existing Fire Hydrants

- ❑ Existing fire hydrants on public streets are allowed to be considered as available. Existing fire hydrants on adjacent properties shall not be considered available unless fire apparatus access roads extend between properties and easements are established to prevent obstructions of such roads.
- ❑ No existing fire hydrants will be allowed for new projects when they are placed on opposite side of arterial streets, median dividers, or streets with four (4) or more lanes.

### Spacing from a Fire Hydrant to a Fire Truck or Building Entrance

- ❑ If the building has a Fire Department Connection provided
  - The total distance from fire hydrant to fire department connection should not exceed 45 metres (150’).
- ❑ If the building has no fire department connection provided
  - The total distance from hydrant to principal entrance should not exceed 90 metres (300’).

### Fire Department Connections on Buildings

- ❑ Fire Department pumper connections shall be located and positioned in accordance with the Building Code and/or approved by the Brandon Fire and Emergency Services.
- ❑ Each and every Fire Department connection shall meet the following specifications and requirements:
  - Be equipped with a 100 mm (4 in.) “stortz” connection and cap.
  - Installed at a height of 457 mm (18 in.) To 1219 mm (48 in.) Above street or ground level.
  - Located remotely from the building face and away from any hazards and at least 1,500 mm (60 in.) Away from any ornamental light standard, utility pole, electrical kiosk or driveway.

- All fire department connections must be clearly identified at the main entrance of the building and the location of the fire department connection. When there are two or more connections on a building the use must be identified of what area is covered above the connection. The signage must be no less than 12 inches by 12 inches in size on a red background and white lettering.

**Clearance around Fire Hydrants**

- Every owner or occupier shall ensure that an area with a radius of two meter (2m) is maintained clear and unobstructed around each fire hydrant or fire department connection, and in clear view from the roadway when approached from either direction. No equipment, facilities, or landscaping shall be placed in front of any hydrant outlet.

**Private Fire Hydrants**

- All fire hydrants that are privately owned and located on private property, but connected to the City of Brandon water distribution system, shall be maintained in good working condition at all times and inspected, serviced and tested in accordance with the standards set out in Part 6 of the Manitoba Fire Code.
- The type and color of privately owned fire hydrants shall conform to the standards set out in the Brandon Fire and Emergency Services Regulations.

**Dry Hydrants**

- All dry hydrants must meet all specifications of NFPA 24 for installation.
- All dry hydrants must meet all specifications of NFPA 25 for maintenance.
- All dry hydrants must be pre-flushed and flowed prior to Brandon Fire and Emergency Services testing the hydrant.
- All dry hydrants are to be flushed and flowed annually.

**Timing of Installation**

- Required fire hydrants shall be installed, tested, and made serviceable prior to having combustible construction materials on site.

**Colour Coding**

- Yellow with Black Caps      Public Hydrant, connected to City water source
- Red with Black Caps        Public Hydrant, connected to City water source
- Yellow with Silver Caps     Private Hydrant, connected to City water source
- Blue                              Not connected to City water source

\* Hydrant marked with Red Disk – Out of Service

**The location and spacing of public and private fire hydrants and location and spacing of Fire Department Connections shall be subject to approval by the Brandon Fire and Emergency Services.**

**The Brandon Fire and Emergency Services reserves the right to require additional fire hydrants be installed depending on the complexity of the development.**

### Examples of Signage to be Posted:

All fire department connections must be clearly identified at the main entrance of the building and the location of the fire department connection. When there are two or more connections on a building the use must be identified of what area is covered above the connection. The signage must be no less than 12 inches by 12 inches in size with white lettering on a red background.



Correct signage but the area must be accessible. The below pictures show an example of what is not acceptable as BFES would be not able to easily access this area.

