



Natalia Alward <alwardn@graffon-ma.gov>

Village at Institute Road

1 message

Michael Killeen <killeenm@graffon-ma.gov>
To: planningdept@graffon-ma.gov

Wed, Mar 23, 2022 at 10:40 AM

Good morning,

The following are simply reminders of the Fire Department's minimum requirements requested for new developments:

- **Street numbers:** shall be visible from the street, day and night
- **Visual alarms:** alarm status shall be visible from the street
- Fire Department shall have access to the perimeter, for firefighting purposes
- **Roadways/Driveways/Parking Lots**
 - o Entrance shall be void of all obstacles to a minimum of 30 feet (i.e. light poles, trees, shrubs, stone walls, gates and posts, mailboxes, etc.)
 - o Should be at least 24 feet wide, preferably 28 feet wide
 - o Parking lots shall have turning radii that will accommodate fire apparatus
 - o Grade changes cannot change more than 5% in any 75 foot length, with minimal percentage change at changes of direction points (intersections)
 - o Street signs must be installed when roadway is cut
- **Fire Hydrants**
 - o Should be a maximum of 500 feet apart
 - o Should be a maximum of 10 feet off the curb
 - o One should be located near the Fire Department Connection
- **Multiple entrances, multiple buildings with one entrance, and cross roads**
 - o Shall indicate the building numbers and numbering sequence
- Electrical, radio, and/or mechanical equipment shall not interfere with local and municipal radio equipment

Regarding fire apparatus turning radius:

Cramp Angle: 45°

Inside Turning Radius: 21 ft. 4 in.

Curb to Curb: 38 ft. 2 in.

Wall to Wall 41 ft. 10 in.

Thank you.

Respectfully,

Captain Michael Killeen
Fire Prevention Officer
Grafton Fire Department