Chapter 18 Fire Department Access and Water Supply

18.1 General. Fire department access and water supplies shall comply with this chapter.

18.1.1 Application.
18.1.1.1 This chapter shall apply to public and privately owned fire apparatus access roads.
18.1.1.2 This chapter shall apply to public and privately owned fire hydrant systems.
18.1.1.3 Existing and new one-and-two-family detached dwellings and their accessory structures such as garages, carports, and sheds shall be exempt from the provisions of 18.2.3.
18.1.1.4 The fire apparatus access road plans must include an analysis and evaluation of fire apparatus maneuvers throughout the access roads created by swept path analysis and turn simulation software.
18.1.1.5 The fire apparatus access plans shall bear the seal and signature of the responsible registered professional engineer.
18.1.1.6 Nothing is this Section shall reduce the requirements established by cities or towns under MGL 40A and planning and zoning by-laws.

18.1.3.1 Fire Apparatus Access. Plans, where required, for fire apparatus access roads shall be submitted to the fire department for review and approval prior to construction.

18.2.3.1.1 Where a one- or two-family dwelling, or townhouse as defined by the building code, is protected with an approved automatic sprinkler system that is installed in accordance with NFPA 13D or NFPA 13R, as applicable, the distance in 18.2.3.2.1 shall be permitted to be increased to 150 ft (46 m).