



City of Chaska Construction Requirements:

The following requirements will be enforced during all phases of construction.

- 1) Plans for fire department access roads shall be submitted to the fire marshal for review and approval prior to construction. (MSFC 2020 Appendix D Section D102)
- 2) Plans and specifications for fire hydrant systems shall be submitted to the fire marshal for review and approval prior to construction.
- 3) Water supplies and fire department access roads shall be installed and made serviceable prior to and during the time of construction.
- 4) Premises identification shall be provided and plainly visible from the street or road fronting the property. (MSFC 2020 Section 505.1)
- 5) Fire department access roads shall be provided when any portion of an exterior wall of the first story of the building is located more than 150 feet from fire apparatus access as measured by an approved route around the exterior of the building or facility. (Exception: When buildings are completely protected with an approved automatic sprinkler system, the provisions may be modified by the fire marshal.) (MSFC 2020 Section Section 503.1.1)
- 6) Fire apparatus access roads shall have an unobstructed width of not less than 20 feet (20') and an unobstructed vertical clearance of not less than 13 feet 6 inches (13'6"). (MSFC 2020 Section 503.2.1)



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7) Facilities, buildings, or portions of buildings hereafter constructed shall be accessible to fire department apparatus by way of an *approved* fire apparatus access road with an asphalt, concrete or other *approved* driving surface capable of supporting the imposed load of fire apparatus weighing up to 75,000 pounds. (MSFC 2020 Section 503.2.3) (MSFC 2020 Appendix D Section D102.1)

8) Dead-end fire apparatus access roads in excess of 150 feet (45 720 mm) shall be provided with width and turnaround provisions in accordance with Table D103.4. (MSFC 2020 Appendix D Section D103.4)

Table D103.4.

Length (Feet)	Width (Feet)	Turnarounds Required
0-150	20	None Required
151-500	20	120-foot Hammerhead, 60-foot "Y" or 96-foot Diameter cul-de-sac
501-750	26	120-foot Hammerhead, 60-foot "Y" or 96-foot Diameter cul-de-sac
Over 750	Special Approval Required	

9) Parking of motor vehicles in, or otherwise obstructing, fire lanes shall be prohibited at all times. (MSFC 2020 Section 503.4)

10) Fire hydrant spacing shall be a maximum of 300 feet in all-public and private developments. (MSFC 2020 Section 507.5.1)



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11) Dedicated Booster hydrants are required for all sprinkled buildings. The booster hydrant shall be located within 100 feet of the fire department sprinkler connection. (MSFC 2020 Section 507.5.1.1)

12) All buildings on commercial properties will require the installation of a key lock box. (MSFC 2020 Section 506.1)

13) Buildings designed for high pile combustible storage shall be equipped with fire department access doors as specified in (MSFC 2020 Section 3206.7)

14) Permits are required for the installation and use of liquid propane.
(MSFC 2020 Section 105.6)

Questions:

Contact the Chaska Fire Department Fire Prevention Bureau.

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