



SHAKOPEE FIRE DEPARTMENT

Fire & Life Safety for a Growing Community



GENERAL CONSTRUCTION REQUIREMENTS

COMMERCIAL

Policy #18-2004 (04/01/2009) (2007 MSFC)

1. Construction plans shall be submitted for review. A minimum of 1 full-size set and 1 half-size set shall be provided. The half-size set may be submitted as 17" x 11" sheets. Half-size submittals shall not exceed 13" x 20".
2. Fire sprinkler, fire alarm and special hazard suppression system plans are not required to be submitted with the initial construction documents. They shall be submitted for approval in accordance with policy prior to such work commencing. Refer to Shakopee Fire Department Policies #04-2000 and #09-2000.
3. Access roads shall be provided during construction. Requirements for access roads can be found in Shakopee Fire Department Policy #03-2000.
4. Fire lanes shall be provided in accordance with Shakopee Fire Department Policy #06-2000.
5. Watermain used for fire protection systems shall be installed in accordance with local policy. Refer to Shakopee Fire Department Policy #05-2000.
6. A post indicator (PIV) shall be provided in accordance with Shakopee Fire Department Policy #19-2000.
7. Water mains supplying fire protection (fire sprinkler) systems shall be flushed prior to placement of the riser assembly. Flushing shall be in accordance with NFPA requirements. The Shakopee Fire Department and/or Shakopee Public Utilities shall witness this test. Minimum water flow for flushing shall be as follows:

4" main	1 – 2-1/2" hose line
6" main	1 – 2-1/2" hose line
8" main	2 – 2-1/2" hose lines
10" main	2 – 2-1/2" hose lines
12" main	3 – 2-1/2" hose lines
8. The contractor shall provide a copy of the "Contractor's Material and Test Certificate for Underground Piping" to the Fire Department, Shakopee Public Utilities, project superintendent and the fire protection (fire sprinkler) contractor.
9. Domestic and irrigation water use shall be in accordance with Shakopee Fire Department Policy #05-2000.
10. Exit and emergency lighting shall be provided in accordance with the Minnesota State Fire Code. Self-luminous exit signs are allowed at egress doors providing exterior access. Exit signs located in aisles, corridors or large open areas where the bottom of the sign is 8 feet or more above finished floor shall be electrically powered with battery back-up.
11. Firewalls shall be labeled in accordance with Shakopee Fire Department Policy #10-2000.

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12. Fire sprinkler systems shall be reviewed and installed in accordance with Shakopee Fire Department Policy #04-2000.
13. Fire alarm systems or fire sprinkler monitoring systems shall be reviewed and installed in accordance with Shakopee Fire Department Policy #09-2000.
14. Property addressing shall be in accordance with Shakopee Fire Department Policy #01-2000.
15. A fire department keybox shall be provided in accordance with Shakopee Fire Department Policy #02-2000.
16. Certain signage shall be provided for fire department use. Such signage shall be in accordance with Shakopee Fire Department Policy #20-2000.
17. A fire department pre-fire plan shall be completed and submitted for approval prior to issuance of a Final Certificate of Occupancy. Refer to Shakopee Fire Department Policy #08-2000 for pre-plan requirements.
18. Shakopee requires a UL Certificate for all fire alarm systems or fire sprinkler monitoring systems. Proof of application for this certificate shall be provided to the Shakopee Fire Department prior to issuance of a Final Certificate of Occupancy.
19. For requirements on above-ground and below-ground flammable and combustible liquid tanks refer to Shakopee Fire Department Policy #11-2000.
20. Portable LP tanks provided for construction purposes shall be located as required by Shakopee Fire Department Policy #17-2000.
21. Duct smoke detectors shall be installed in accordance with the Minnesota State Mechanical Code and Shakopee Fire Department Policy #2-2006.

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