



Stand-Alone Fire Suppression Systems

1. **Select your fire suppression contractor:** Stand-alone systems may be installed by any Minnesota-licensed fire suppression contractor. Fire suppression contractor designs the fire suppression system based on the building plan.
2. **SUBMIT SPRINKLER PLAN:** Fire suppression contractor submits plan to Minnesota State Fire Marshal. Fire Marshal acknowledges receipt of the plan and issues a Notice to Proceed to the fire suppression contractor. Plan Review Form on Minnesota State Fire Marshal website. [Contact: fire.sprinklers@state.mn.us](mailto:fire.sprinklers@state.mn.us) Phone 651.201.7200
3. **SUBMIT BUILDING PLAN:** Homebuilder submits Fire Marshal's Notice to Proceed, together with house plans and building permit application to Moorhead Building Codes Office.
4. **PLAN REVIEW:** Moorhead Building Codes conducts building plan review and issues building permit to the homebuilder.
5. **SPRINKLER INSPECTION:** Fire suppression contractor contacts City of Moorhead Fire Marshal for rough-in inspection. No pressure test. [Contact: chad.stangeland@cityofmoorhead.com](mailto:chad.stangeland@cityofmoorhead.com) Phone 218.299.5433
6. **OTHER INSPECTIONS:** Proceed with remaining construction and inspections (Framing, insulation, and final inspections for HVAC, plumbing, electrical, building). At this time, the Moorhead Fire Marshal is not requiring a final inspection.

Multi-purpose (Combination) Fire Suppression Systems

1. **Select your plumber:** At the present time, rules and licensure for multi-purpose sprinkler installation is under development. At this time, Uponor is the only company designing combination fire suppression systems. Installation must be conducted by Minnesota-licensed and Uponor-certified plumbers. Uponor-certified plumber provides house plans to Uponor and Uponor designs the fire suppression system for the plumber doing the installation.
2. **SYSTEM DESIGN:** Uponor designs the Combination system for certified plumber. Plumber submits design, drawings, and calculations to the home builder. Calculations are based on the pipe length and incoming water pressure.
3. **SUBMIT SPRINKLER AND BUILDING PLAN:** Homebuilder submits sprinkler plans with house plans and building permit application to Moorhead Building Codes Office.
4. **PLAN REVIEW:** Moorhead Building Codes conducts building and combination fire suppression system review. Note fire suppression system ties in after water meter.
5. **SPRINKLER AND PLUMBING INSPECTION:** Plumber calls Moorhead Building Codes for Drain, Waste, and Vent (DWV) and water pipe inspection. Moorhead Building Codes conducts DWV and fire suppression rough-in inspection to verify coverage. No pressure test.
6. **OTHER INSPECTIONS:** Framing, insulation, and final inspections for HVAC, plumbing, electrical, building. There is no final inspection required on fire suppression system, only the 1" w.c. final plumbing DWV inspection is required.

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Please Note: *These are the inspection steps as we know them today; recognizing this is a new regulation, this information is subject to change. We'll communicate new information as available.*