



FIRE ALARM CHECK LIST

PROJECT/NAME/ADDRESS: _____ **Date:** _____

Plans submitted for fire detection and alarm systems must be prepared under the direct supervision of a Design Professional. (A Design Professional is defined as an individual who is legally registered to practice engineering, in the State of Wyoming, in accordance with the Wyoming State Engineer's Board of Registration.)

(Wyoming State Fire Prevention Fire Council Statutes, adopted 08/02/2006)

It is the responsibility of the Design Professional to coordinate the fire alarm drawings with design drawings of other disciplines, to assure that the fire alarm system can be installed without interference with other trades. Such coordination is not a part of this review.

Provide Two complete sets of design documents (and other data required) as follows:

- Site Plan**, drawn to scale, showing street address, and location of the main control panel and all sub control panels.
- Building Fire Alarm Plans:** drawn to scale, to include location of FACP, sub panels, booster panels, annunciator panels, all detection and signal devices and notification appliances, all ancillary devices such as door holders, gas shutoff, fan shutdown, smoke dampers, and shunt trips. Show location of fire sprinkler riser, flow switches, valve tamper switches, and fire pump controllers and activation devices. Clearly show system zoning on the plans and as scheduled.
- Detail and Schedule Sheet** showing full riser diagrams of all signal and notification circuits. Show complete sequence of operation for all detection devices (input) and audio and/or visual notification appliances (output), clearly indicating system and device operation for full alarm, supervisory and trouble. Provide schedules for all fire alarm devices showing current draw and voltage ratings for all devices, candela and decibel ratings for notification appliances, capacities of the fire alarm control panels, ratings of power supply panels and the battery size and charging parameters.
- Manufacturers Catalog Cuts** of all fire alarm devices and equipment to be installed. Include all detection/signal devices, audio/video notification appliances, duct detectors, system components, modules, relays, dialers, fire alarm panels, power supplies, booster panels, annunciators, sub panels, and any other devices pertinent to the alarm system.
- Provide Calculations for each notification circuit**, listing wire size, circuit current and voltage drop. Provide battery calculations for each control panel, sub panel, and power booster and indicate battery size. List model numbers and quantity of devices included in calculations. Show on drawings, circuit lengths and wire gauges used in the calculations. Indicate the factors used in determining voltage drop and battery sizing.
- Completed Application**
- Warranty Deed**



Fire Sprinkler Check List

PROJECT/NAME/ADDRESS: _____ Date: _____

Plans submitted for fire protection systems and for fire detection and alarm systems must be prepared under the direct supervision of a Design Professional. (A Design Professional is defined as an individual who is legally registered to practice engineering, in the State of Wyoming, in accordance with the Wyoming State Engineer's Board of Registration.)

(Wyoming State Fire Council Statutes, adopted 08/02/2006.)

It is the responsibility of the Design Professional to coordinate the fire protection drawings with design drawings of other disciplines, to assure that the fire protection systems can be installed without interference with other trades. Such coordination is not a part of this review.

Provide Two complete sets of design documents (and other data required) as follows:

- Site Plan**, drawn to scale, showing street address, location and size of underground water mains sprinkler feed mains, fire hydrants, valve locations, location of pumper connection(s), property lines, streets, and other structures on site. Indicate hydrant locations where the flow and pressure tests were taken in determining the sprinkler system water supply.
- Building Sprinkler Plans**, drawn to scale, to include complete sprinkler system piping, showing: pipe sizes, pipe lengths, hanger locations, sprinkler head K factor and temperature rating, elevation variances, type and size of all control valves including indicating valves, OS&Y valves, backflow preventers, alarm check valves, dry pipe valves, deluge valves, etc.
- Floor and Construction Plans**, drawn to scale, identifying all rooms and their uses (occupancies). Provide details of all building construction materials, including interior and exterior walls, floors, ceilings and framing.
- Elevation Drawings** indicating sprinkler system riser heights and sprinkler head elevation in relation to the underground piping system.
- Manufacturers catalog cuts** of all fire protection devices and equipment to be installed. This should include sprinkler heads, sprinkler system control valves, fittings, flow switches, tamper switches, hydrants, piping and any other devices pertinent to the fire protection system.
- Sprinkler System Hydraulic Calculations and water supply information.**
- Completed Permit application.**
- Warranty Deed.**