

# Elburn and Countryside Fire Protection District

Fire Prevention Bureau  
39W950 Hughes Rd  
Elburn IL 60119  
630-262-9911

## Fire Alarm Submittal Form

### PROPERTY INFORMATION:

Building Name: \_\_\_\_\_  
Building Address: \_\_\_\_\_  
Owner Name: \_\_\_\_\_  
Owner's Address: \_\_\_\_\_  
Owner's Phone \_\_\_\_\_ Fax: \_\_\_\_\_ E-mail: \_\_\_\_\_

### SYSTEM DESIGNER/CONTRACTOR:

Company Name: \_\_\_\_\_  
Company Address: \_\_\_\_\_  
Contact Person (Designer): \_\_\_\_\_  
Phone: \_\_\_\_\_ Fax: \_\_\_\_\_ E-mail: \_\_\_\_\_

### Building Use and Occupancy Classification -Per International Building Code Chapter 3

- |  |   |  |  |  |  |
|--|---|--|--|--|--|
| <input type="checkbox"/> Assembly-1    | <input type="checkbox"/> Assembly-2     | <input type="checkbox"/> Assembly-3      | <input type="checkbox"/> Assembly-4      | <input type="checkbox"/> Assembly-5      | <input type="checkbox"/> Business        |
| <input type="checkbox"/> Educational   | <input type="checkbox"/> Factory-1      | <input type="checkbox"/> Factory-2       | <input type="checkbox"/> High-Hazard-1   | <input type="checkbox"/> High-Hazard-2   | <input type="checkbox"/> High-Hazard-3   |
| <input type="checkbox"/> High-Hazard-4 | <input type="checkbox"/> High-Hazard-5  | <input type="checkbox"/> Institutional-1 | <input type="checkbox"/> Institutional-2 | <input type="checkbox"/> Institutional-3 | <input type="checkbox"/> Institutional-4 |
| <input type="checkbox"/> Mercantile    | <input type="checkbox"/> Residential -1 | <input type="checkbox"/> Residential -2  | <input type="checkbox"/> Residential -3  | <input type="checkbox"/> Residential -4  | <input type="checkbox"/> Storage-1       |
| <input type="checkbox"/> Storage-2     | <input type="checkbox"/> Utility        |  |  |  |  |

### Plans Are For:

- New building, new fire alarm system  
 Retrofitting a new fire alarm system within an existing building  
 Modifying an existing fire alarm system within an existing building  
 Other \_\_\_\_\_

Square footage covered by the alarm system: \_\_\_\_\_

Total number of Initiation devices: \_\_\_\_\_

Total number of Warning devices: \_\_\_\_\_

### Number of stories in the building:

One  Two  Three  Four  Five  "High Rise" (>75ft.) Total # of Floors \_\_\_\_\_

Is there a basement?  Yes  No

### The Fire Alarm System is located on what level of the building:

Entire  Basement  First Floor  Second Floor  Third Floor  Fourth Floor  Other \_\_\_\_\_

### ALARM SYSTEM TYPE (check all that apply)

- |  |   |   |
|--|---|---|
| <input type="checkbox"/> Manual System             | <input type="checkbox"/> Point Addressable system       | <input type="checkbox"/> Automatic smoke and fire detection |
| <input type="checkbox"/> Analog Addressable system | <input type="checkbox"/> Manual and automatic detection | <input type="checkbox"/> Conventional zone system           |
| <input type="checkbox"/> Addressable system        | <input type="checkbox"/> Wireless system                |   |

### ALARM SYSTEM SUPERVISION-FIRE DEPARTMENT NOTIFICATION (check all that apply)

- |   |   |  |
|---|---|--|
| <input type="checkbox"/> Central station system | <input type="checkbox"/> Proprietary system | <input type="checkbox"/> Remote station system |
| <input type="checkbox"/> Auxiliary system       | <input type="checkbox"/> Local Alarm        | <input type="checkbox"/> Other _____           |

**FIRE PROTECTION AND LIFE SAFETY SYSTEMS INTEGRATED WITH ALARM SYSTEM (check all that apply)**

- |   |   |  |
|---|---|--|
| <input type="checkbox"/> Wet sprinkler system               | <input type="checkbox"/> Clean agent suppression system         | <input type="checkbox"/> Smoke control exhaust                 |
| <input type="checkbox"/> Dry pipe sprinkler system          | <input type="checkbox"/> Kitchen suppression systems            | <input type="checkbox"/> Emergency generator supervision       |
| <input type="checkbox"/> Preaction sprinkler system         | <input type="checkbox"/> Private water supply supervision       | <input type="checkbox"/> Delayed egress unlocking devices      |
| <input type="checkbox"/> Deluge sprinkler system            | <input type="checkbox"/> Fire Pump                              | <input type="checkbox"/> Elevator automatic recall             |
| <input type="checkbox"/> Standpipe                          | <input type="checkbox"/> Door hold-open release                 | <input type="checkbox"/> HVAC equipment supervision            |
| <input type="checkbox"/> Municipal water supply supervision | <input type="checkbox"/> Fire shutter hold-open release devices | <input type="checkbox"/> Smoke control stairway pressurization |
| <input type="checkbox"/> Sprinkler/standpipe supervision    | <input type="checkbox"/> Other                                  |  |

**ALARM SIGNAL (check all that apply)**

- |  |   |  |
|--|---|--|
| <input type="checkbox"/> Pre-alarm notification signal | <input type="checkbox"/> Audible alarm signal       | <input type="checkbox"/> Pre-recorded voice notification |
| <input type="checkbox"/> Visual alarm signal           | <input type="checkbox"/> Manual paging notification | <input type="checkbox"/> Other _____                     |

**ALARM ANNUNCIATION (check all that apply)**

- |   |  |
|---|--|
| <input type="checkbox"/> Fire alarm control panel | <input type="checkbox"/> Remote annunciator(s) |
|---|--|

**POWER EQUIPMENT FOR FIRE ALARM SYSTEM (check all that apply)**

- |  |  |  |
|--|--|--|
| <input type="checkbox"/> AC power source circuit breaker | <input type="checkbox"/> Emergency generator | <input type="checkbox"/> Secondary Public Power Source |
| <input type="checkbox"/> Other _____                     |  |  |

**DOCUMENTATION**

**PROVIDE PRODUCT DATA SHEETS FOR THE FOLLOWING COMPONENTS OF THE ALARM SYSTEM**

- |   |  |  |
|---|--|--|
| <input type="checkbox"/> Fire alarm control panel         | <input type="checkbox"/> Audible notification devices  | <input type="checkbox"/> Power boosters                          |
| <input type="checkbox"/> Remote annunciators              | <input type="checkbox"/> Visual notification devices   | <input type="checkbox"/> Standby batteries                       |
| <input type="checkbox"/> Alarm, re-transmission equipment | <input type="checkbox"/> Exterior notification devices | <input type="checkbox"/> Sprinkler water flow switches           |
| <input type="checkbox"/> Manual pull boxes                | <input type="checkbox"/> Remote test devices           | <input type="checkbox"/> High/low water pressure switches        |
| <input type="checkbox"/> Smoke detection devices          | <input type="checkbox"/> Protective covers             | <input type="checkbox"/> High/low air pressure switches          |
| <input type="checkbox"/> Heat detection devices           | <input type="checkbox"/> Relays                        | <input type="checkbox"/> Sprinkler control valve tamper switches |
| <input type="checkbox"/> Control modules                  | <input type="checkbox"/> Power supplies                | <input type="checkbox"/> Fire pump controllers                   |
| <input type="checkbox"/> Wiring & conduit                 |  |  |

**SUBMITTED PLANS AND DOCUMENTS SHALL CONTAIN THE FOLLOWING INFORMATION OR NOTE THE LOCATION OF THE FOLLOWING EQUIPMENT AND/OR DEVICES**

- |                                  |                                    |                                    |
|----------------------------------|------------------------------------|------------------------------------|
| • Legend of symbols & scale used | • Manual pull boxes                | • Remote annunciation              |
| • Room dimensions                | • Notification audible devices     | • System riser diagram             |
| • Building elevations            | • Notification visual devices      | • F.A. system operational sequence |
| • Fire alarm circuits            | • Exterior audible/visual devices  | • Standby battery calculations     |
| • Heat detection devices         | • Candela rating of devices        | • Voltage drop calculations        |
| • Smoke detection devices        | • F.D. communication devices       | • Power supply calculation         |
| • Duct smoke detection devices   | • Fire alarm control panel         | • Special Hazards                  |
| • Flame detection devices        | • Fire alarm communications center | • System integration features      |

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Submitter

Date

Notes:

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