



North Providence Fire Department

1951 Mineral Spring Avenue North Providence, R.I. 02904

Phone: 231-8505 Ext. 304 Fax: 233-1460 E-Mail: firemarshal@northprovidenceri.gov

Fire Alarm System Requirements for the Town of North Providence

Plans can be submitted electronically or dropped off and picked up Monday – Friday 8:00 – 4:00

Battalion Chief John Horan –Fire Marshal

North Providence Fire Department

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North Providence, RI 02904

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Plan Review Requirements (Omission of one or more requirements will delay your plan review time)

- Electrical Permit application filled out in its entirety with a copy of installer's license.
- Fee based on cost of system
- Narrative of the work to be done.
- Four (4) sets of engineer stamped plans.
- Shall be drawn to architectural scale with scale shown on plans. Typical not accepted. Legend shall be indicated.
- One (1) set of cut sheets for all system equipment.
- Battery calculations must be submitted.
- Actual system point-to-point, single-line wiring riser diagram must be submitted. Typical not accepted.
- **All** system devices shall be shown in location of installation. (including drill key switch, fan shut downs, etc...)
- If plans are for an update of an existing system show "New" and "Existing" devices.
- Location of all building services shall be shown. (Water, gas, electric, boiler, etc...)
- All void spaces shall be indicated. (Drop ceilings, crawl spaces, etc...)

Plan review process time

15 days maximum. **Fire Alarm Plans Only.**

Municipal Connection (Where required by code or requested)

- 100 Milliamp circuit.
- Gamewell 3-Fold Local Energy Box (City Master Box Electronic Transmitter is acceptable))
- **Color:** Red. Number Plate shall remain contrasting black and white.
- Blank Front (We do not accept pull fronts on Master Boxes)
- ½ Second Timing
- TII Lightning Arrestor
- Master box shall be grounded via # 8 AWG wire and adapter lug from Master Box 8' X 5/8" copperweld ground rod bonded to the building ground and be within 20' of the Master Box.
- Municipal Connection feed wiring shall be IMSA 20-1 5 conductor #12 AWG solid wire. Black & White per RISUFC installed in EMT at a minimum height of 16'0" with a weather head. A closed eye hook secured to the building is also required next to the weather head.

Fire Department Key Access Box required on all buildings equipped with a Fire Alarm System.

Contact: Emergency Access Systems, Inc

PO Box 1811

Kingston, RI 02881

401-295-7707 or toll free 1-877-562-5269 FAX: 401-295-7708