



**NEWPORT FIRE DEPARTMENT**

**DIVISION OF FIRE ALARM**  
 21 West Marlborough Street  
 Newport, RI 02840  
 Phone: (401) 845-5916  
 Fax: (401) 845-5940

PLAN REVIEW #

**FIRE ALARM PLAN REVIEW WORKSHEET**

**BUILDING and CONTRACTOR INFO (Please print)**

1	<b>Name of property:</b>		
2	<b>Address of property:</b>		
3	<b>Fire Alarm Company:</b>		Phone #: _____
4	<b>Name of person applying for the permit:</b> _____ RI License #: _____ Phone #: _____		
5	<b>Type of occupancy (Circle all):</b> Assembly – Nightclub – Theater – Educational – Health Care – Detention & Correctional – Residential – Mercantile – Business – Industrial – Storage – Day Care – Multiple Occupancies – Hazardous Conditions		
6	<b>If Residential (Circle one):</b> Lodging & Rooming House - Dormitory - Hotel - Apartment ( ____ units) - Residential Board & Care - Other _____		
7	I understand that the Newport Fire Department (AHJ) requires that any building with an alarm system have a Knox Box. If a Knox Box is not currently present, I agree to install one <b>prior</b> to the Acceptance Test.	Yes	No
8	Does any part of the building listed above have commercial cooking facilities?	Yes	No
9	Does the building listed above have a fully automatic elevator?	Yes	No
10	Is the HVAC system supplying 2000 CFM or greater?	Yes	No
11	Is the alarm system going to be put on a separate house meter? (Required in multi unit buildings)	Yes	No
12	Does the building listed above have a currently inspected sprinkler system?	Yes	No

13	Are there any ceilings heights greater than 10' in the building?	Yes	No
14	Does the building listed above have drop ceilings? If so, how many inches are there between the floor above to the top of the drop ceiling? _____	Yes	No
15	Are there any beam or sloped ceilings in the building listed above?	Yes	No
16	Are there any bedrooms that contain fireplaces?	Yes	No

### **ALARM INFO**

17	Is there currently a fire alarm system installed at this address?	Yes	No
18	Will the alarm system use Class A wiring?	Yes	No
19	Is the fire alarm system designer planning to use sprinkler heads as a substitute for heat detection in any area of the structure?	Yes	No
20	Is the sprinkler system zoned by floor?	Yes	No
21	Is a Radio Master Box required as part of this alarm system? If yes, the location of the antenna must be preapproved by the fire alarm division, and the antenna wire must go in the <u>side or bottom</u> of the radio box. ( <b>not</b> the top)	Yes	No
22	Will a remote annunciator be used as part of this alarm system?	Yes	No
23	Wireless Systems: Operating Instructions and UTR Sticker shall be framed and mounted by WFACP.		

I hereby certify that I have the authority to make the foregoing application and that the information contained herein is true and correct to the best of my knowledge. Furthermore, I agree to comply with all applicable codes and City of Newport ordinances. I understand that it is my right to apply for a variance with the Board of Appeal and Review for any conditions that do not meet the current Fire Alarm Code but for which I feel that special consideration should apply.

Print Name \_\_\_\_\_ Signature \_\_\_\_\_ Date \_\_\_\_\_

# **FIRE ALARM PLAN MINIMUM REQUIREMENTS:**

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## **1. Fire Alarm Plan Review Worksheet:**

- Submit worksheet with plans once it is completely filled in!

## **2. Shop Drawings:**

- Submit shop drawings for the alarm system you are installing. These drawings must accurately reflect the building which the alarm is going in. Shop drawings for fire alarm systems are intended to provide basic information consistent with the objective of installing a fully operational, code compliant fire alarm system and to provide the basis for the required record drawings. Shop drawings must be printed or created in ink so that all markings are permanent. (Illegible plans or plans submitted in pencil will be rejected). Scope of work to be completed must be indicated.
- Shop drawings must include floor plan drawings and a riser diagram (except for systems in single-story buildings). “As-Builts” are required prior to the acceptance test. “As-Builts” must show what was actually installed. A point-to-point wiring diagram should be included on or with the “As-Builts”).

### **Be sure to include the following information on all shop drawings:**

1. Name of system designer
2. Name of alarm contractor
3. Name of owner and occupant
4. Installation address
5. Device legend (NFPA 170)
6. Date of design

### **All floor plan drawings must include the following information:**

1. Floor identification
2. Point of compass
3. Graphic scale *or* complete building & space dimensions
4. All walls and doors
5. All partitions extending to within 0.5 m (18 inches) of the ceiling
6. Room descriptions
7. Fire alarm device/component locations
8. Circuit breaker panel location
9. Indicate any ceiling beams protruding more than 8” from the finished ceiling

### **Fire alarm system riser diagrams should include the following information:**

1. General arrangement of the system, in building cross-section
2. Type and number of circuits in each riser
3. Type and number of fire alarm system components/devices on each circuit, on each floor or level

## **3. Cut Sheets:**

- Submit “Cut Sheets” for all devices showing that they are listed by Underwriter’s Laboratory (UL) or FM Global and compatible with the alarm system reflected in the submitted plans.

## **4. Points List:**

- Provide each device type, location of device within the building, and point number as it will appear on the fire alarm control panel (addressable system). SMOKE DET.- 1<sup>ST</sup> FL NORTH STAIRWELL – D 24