

FIRE ALARM APPLICATION

In accordance with the Code of the Town of Gates and the NYS Fire Prevention and Building Code, no permit-required work will begin prior to the issuance of proper permits and/or approvals by the Town of Gates.

Town of Gates
Office of the Fire Marshal
1605 Buffalo Road
Rochester, NY 14624
(585) 247-6100
(585) 426-8581 Fax
www.townofgates.org



ALL FIELDS MUST BE COMPLETED.

DATE:

If not applicable, please mark field with N/A

SITE INFORMATION

BUILDING/SITE NAME:
BUILDING/SITE ADDRESS:
MAILING ADDRESS:

WILL THE AREA OF THIS WORK BE TENANT OCCUPIED? YES NO (If yes, fill in the information field below)
OCCUPANT / TENANT INFORMATION

TENANT NAME:
ADDRESS:

APPLICANT INFORMATION

BUISNESS NAME:
ADDRESS:
PHONE#: FAX#: E-MAIL:
CONTACT NAME:
SIGNATURE: UNSIGNED APPLICATIONS WILL BE RETURNED

CONTRACTOR OR SUB-CONTRACTOR PERFORMING WORK

NAME:
ADDRESS:
PHONE#: FAX#: E-MAIL:
ON SITE CONTACT NAME: CELL PHONE#:

DOES THE SCOPE OF THIS PROJECT INVOLVE MORE THAN ONE BUILDING? YES NO TOTAL # of Buildings _____
DOES THIS WORK IMPACT MORE THAN ONE SYSTEM? YES NO TOTAL # of Systems _____

PURPOSE: Installation Addition Alteration Repair

IS THIS A REPLACEMENT OF AN EXISTING SYSTEM? YES NO

PERMIT FEE \$ 150.00

APPROVED PLANS AND A COPY OF THE PERMIT MUST BE KEPT ON SITE DURING CONSTRUCTION.

Submittal of plans and payment of fees does not imply Permission or permit by the Town of Gates for project design or commencement of work.

TYPE OF SYSTEM:

(check the one most applicable)

- _____ Automatic Fire Alarm
- _____ Automatic Supervised Fire Alarm
- _____ Supervised Fire Alarm
- _____ Combined Fire / Burglar Alarm
- _____ Central Reporting Only

(check the one most applicable)

- _____ Addressable
- _____ Non-Addressable
- _____ Full
- _____ Partial
- _____ Wireless

SYSTEM REQUIRED: Y or N

REQUIRED BY:

- _____ Fire/Building Code
- _____ Insurance
- _____ Other _____

Central Reporting Company _____

Note: The issuance of a permit based upon plans specifications, data and other reports shall not prevent the Town of Gates from thereafter requiring correction of deficiencies. Any deficiencies found during field inspection, testing, or Fire Marshal surveys must also be corrected.

In addition to a Fire Alarm construction permit issued by the Town of Gates, an additional annual Avoidable Fire Alarm permit is required from the Town Clerk of the Town of Gates.

All work shall comply with all applicable codes and standards, including the NYS Fire Prevention and Building Code, NFPA 72 and the Code of the Town of Gates.

Low-pressure supervision is required for all dry pipe sprinkler systems and for pre-action sprinkler systems.

The completed installation shall pass a visual inspection and complete operating test witnessed by a representative of the Office of the Fire Marshal. **Fire alarm systems shall be fully pre-tested and fully functional prior to scheduling inspections.** (A fee of \$50.00 will be charged for each re-inspection)

Please call the Office of the Fire Marshal at least 24 hours in advance to schedule inspections or tests.

Contractors Certificate of Completion shall be provided to the Town of Gates prior to the final acceptance test.

PROJECT NARRATIVE: (Including *specific* scope, building, floor, suite, system, and location of work)

BUILDING OCCUPANCY CLASSIFICATION _____

A PERMIT SHALL NOT BE ISSUED WITHOUT COPIES OF THE FOLLOWING:

Incl. N/A

- Drawings – 2 Copies stamped and signed by an Architect or Engineer
- Contractor or Sub-Contractor Workmen’s Compensation Insurance Certificate, naming Town of Gates as Additional Insured
- Equipment Cut – Sheets
- Voltage Drop Calculations
- Battery Calculations
- Complete Zone Map

TOWN OF GATES APPROVED FIRE PROTECTION SYSTEM SIGNAGE

Town of Gates
Office of the Fire Marshal
1605 Buffalo Road
Rochester, NY 14624
(585) 247-6100
(585) 426-8581 Fax
www.townofgates.org



Purpose and Scope:

The purpose of the following requirements is to establish a standard governing the uniformity of fire protection signage for fire alarm systems and fire suppression systems within the Town of Gates. The signage requirements will enable responding emergency personnel to identify the location of the emergency and the fire protection features which serve those areas quickly and accurately.

Signs and Decals:

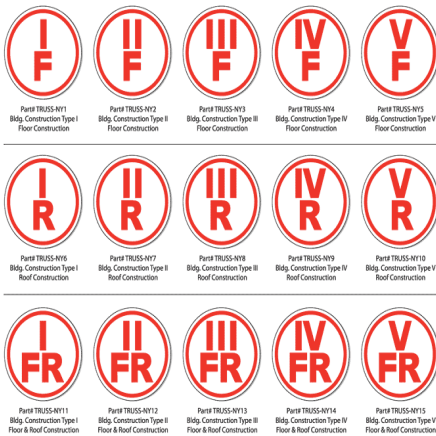
NFPA 13 has specific requirements regarding the physical design of signs for certain areas. All valve signs, hydraulic design signs, and general information signs must be a “permanently marked weatherproof metal or rigid plastic identification signs secured with corrosion-resistant wire, chain, or other approved means.” The sign showing the Fire Department Connection to the sprinkler must have “raised or engraved letters at least 1 in. (25 mm) in height on plate or fitting” that spell out the service design of the system.

Signs mounted on the exterior of the building or on posts shall be .040” Engineering Grade Reflective Aluminum, beyond those specific requirements, any other markings can be decals, stickers, or placards, provided they are weather resistant, fade resistant, convey the necessary information, and are approved by the fire code official.

Unless noted otherwise or required by code, the fire protection system sign shall have a RED reflective background Pantone Matching System (PMS) #187 and the letters shall reflective WHITE letters.

GENERAL SIGNAGE:

19 NYCRR Part 1264 Truss ID



Signs identifying the existence of truss construction shall consist of a circle 6 inches (152.4 mm) in diameter, with a stroke width of 1/2 inch (12.7 mm). The sign background shall be reflective white in color. The circle and contents shall be reflective red in color, conforming to Pantone matching system (PMS) #187. Where a sign is directly applied to a door or sidelight, it may be a permanent non-fading sticker or decal. Signs not directly applied to doors or sidelights shall be of sturdy, non-fading, weather resistant material.

Signs identifying the existence of truss construction shall contain the roman alphanumeric designation of the construction type of the building, in accordance with the provisions for the classification of types of construction set forth in section 602 of the Building Code of New York State (see 19 NYCRR Part 1221), and an alphabetic designation for the structural components that are of truss construction, as follows: “F” shall mean floor framing, including girders and beams “R” shall mean roof framing “FR” shall mean floor and roof framing. The construction type designation shall be placed at the twelve o’clock position over the structural component designation, which shall be placed at the six o’clock position.

Signs identifying the existence of truss construction shall be affixed in the locations specified in Table I-1264.

At the request of Gates Fire District, the level of fire protection shall be identified. Provide a letter “A” or “B” next to the roman numeral truss type identifications.

Combined Fire Alarm and Sprinkler Riser Rooms



If the fire alarm control panel and fire sprinkler riser are located within the same room, the sign shall read "FIRE ALARM CONTROL PANEL SPRINKLER RISER ROOM". The minimum size of the sign will be 7-inch high by 10-inch wide, WHITE letters with RED background, letters shall be 2 inches in height with ½-inch stroke width and be all capital letters. The sign will be permanently attached to the door leading to the fire alarm control panel and sprinkler riser room, with the center of the sign being a minimum of 48 inches to a maximum of 60 inches above finished floor. The sign will be either .040" Engineering Grade Reflective Aluminum for outdoor applications OR 6 Mil self-adhesive Engineering Grade Reflective Vinyl for indoor applications

Sprinkler Riser Room



For sprinkler riser rooms, the sign shall read "SPRINKLER RISER ROOM". The minimum size of the sign will be 7-inch high by 10-inch wide, WHITE letters with RED background, letters shall be 2 inches in height with ½-inch stroke width and be all capital letters. The sign will be permanently attached to the door leading to the sprinkler riser room, with the center of the sign being a minimum of 48 inches to a maximum of 60 inches above finished floor. The sign will be either .040" Engineering Grade Reflective Aluminum for outdoor applications OR 6 Mil self-adhesive Engineering Grade Reflective Vinyl for indoor applications.

Fire Alarm Control Panel Room



For fire alarm control panel rooms, the sign shall read "FIRE ALARM CONTROL PANEL ROOM" or "FACP ROOM". The minimum size of the sign will be 7-inch high by 10-inch wide, WHITE letters with RED background, letters shall be 2 inches in height with ½-inch stroke width and be all capital letters. The sign will be permanently attached to the door leading to the fire alarm control panel room, with the center of the sign being a minimum of 48 inches to a maximum of 60 inches above finished floor. The sign will be either .040" Engineering Grade Reflective Aluminum for outdoor applications OR 6 Mil self-adhesive Engineering Grade Reflective Vinyl for indoor applications.

Fire Pump



For fire pump rooms, the sign shall read "FIRE PUMP". The minimum size of the sign will be 7-inch high by 10-inch wide, WHITE letters with RED background, letters shall be 2 inches in height with ½-inch stroke width and be all capital letters. The sign will be permanently attached to the door leading to the fire pump room, with the center of the sign being a minimum of 48 inches to a maximum of 60 inches above finished floor. The sign will be either .040" Engineering Grade Reflective Aluminum for outdoor applications OR 6 Mil self-adhesive Engineering Grade Reflective Vinyl for indoor applications.

Electrical Room



For electrical rooms, the sign shall read "ELECTRICAL ROOM". The minimum size of the sign will be 7-inch high by 10-inch wide, WHITE letters with RED background, letters shall be 2 inches in height with ½-inch stroke width and be all capital letters. The sign will be permanently attached to the door leading to the electrical room, with the center of the sign being a minimum of 48 inches to a maximum of 60 inches above finished floor. The sign will be either .040" Engineering Grade Reflective Aluminum for outdoor applications OR 6 Mil self-adhesive Engineering Grade Reflective Vinyl for indoor applications. If there is a stand-by generator on site provide signage required

Mechanical Room



For mechanical rooms, the sign shall read “MECHANICAL ROOM”. The minimum size of the sign will be 7-inch high by 10-inch wide, WHITE letters with RED background, letters shall be 2 inches in height with ½-inch stroke width and be all capital letters. The sign will be permanently attached to the door leading to the mechanical room, with the center of the sign being a minimum of 48 inches to a maximum of 60 inches above finished floor. The sign will be either .040” Engineering Grade Reflective Aluminum for outdoor applications OR 6 Mil self-adhesive Engineering Grade Reflective Vinyl for indoor applications.

Utility Rooms



For utility rooms which house the main domestic water shut-off, main gas supply shut off, or both, the sign shall read “UTILITY ROOM DOMESTIC WATER SHUT-OFF”, “UTILITY ROOM MAIN GAS SHUT-OFF”, OR “UTILITY ROOM GAS/WATER SHUT-OFF”. The minimum size of the sign will be 7-inch high by 10-inch wide, WHITE letters with RED background, letters shall be 2 inches in height with ½-inch stroke width and be all capital letters. The sign will be permanently attached to the door leading to the mechanical room, with the center of the sign being a minimum of 48 inches to a maximum of 60 inches above finished floor. The sign will be either .040” Engineering Grade Reflective Aluminum for outdoor applications OR 6 Mil self-adhesive Engineering Grade Reflective Vinyl for indoor applications.

Fire Command Center



When required, Fire Command Centers shall be labelled, the sign shall read “FIRE COMMAND CENTER”. The minimum size of the sign will be 7-inch high by 10-inch wide, WHITE letters with RED background, letters shall be 2 inches in height with ½-inch stroke width and be all capital letters. The sign will be permanently attached to the door leading to the mechanical room, with the center of the sign being a minimum of 48 inches to a maximum of 60 inches above finished floor. The sign will be either .040” Engineering Grade Reflective Aluminum for outdoor applications.

Normally Open Fire Doors



For fire doors that are intended to be kept in the NORMALLY OPEN position, the signs shall read “FIRE DOOR – DO NOT BLOCK”. The minimum size of the sign will be 4-inch high by 12-inch wide, WHITE letters with RED background, letters shall be one inch in height and be all capital letters. The sign will be permanently attached on both sides of the door leaf, with the center of the sign being a minimum of 48 inches to a maximum of 60 inches above finished floor. The sign will be 6 Mil self-adhesive Engineering Grade Reflective Vinyl.

Normally Closed Fire Doors



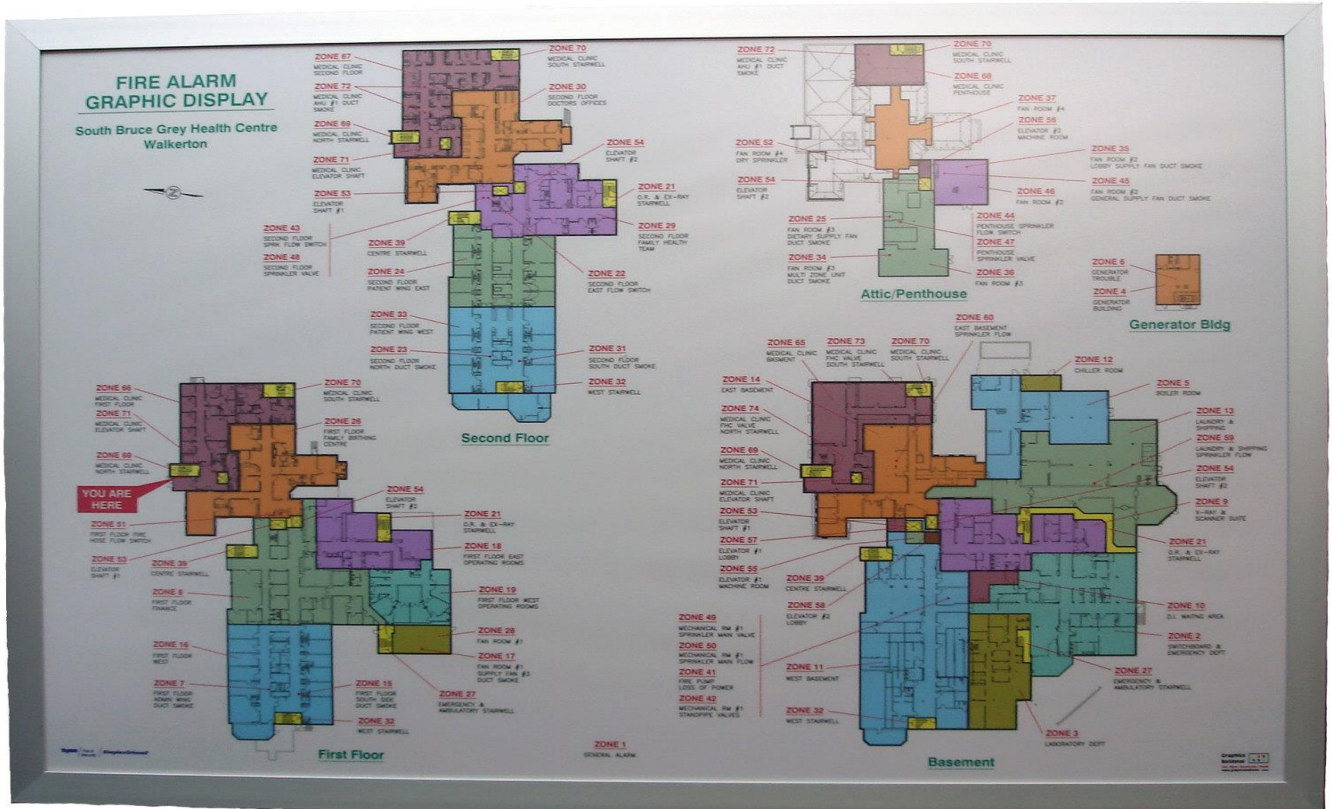
For fire doors that are intended to be kept in the NORMALLY CLOSED position, the signs shall read “FIRE DOOR – KEEP CLOSED”. The minimum size of the sign will be 4-inch high by 12-inch wide, WHITE letters with RED background, letters shall be one inch in height and be all capital letters. The sign will be permanently attached on both sides of the door leaf, with the center of the sign being a minimum of 48 inches to a maximum of 60 inches above finished floor. The sign will be 6 Mil self-adhesive Engineering Grade Reflective Vinyl.

FACP / FIRE SPRINKLER RISER MAP LOCATION AND REQUIREMENTS

A fire alarm/sprinkler zone map shall be provided next to the fire alarm control panel. These map(s) shall show what areas of the building are covered by the system(s) installed. Maps shall be accurate, legible and easily understood. This sign shall be protected from damage/vandalism and shall be laminated or protected and permanently mounted on the wall in the FACP / Riser room. When a building is equipped with multiple fire protection systems, a diagram indicating the location of all control valves, sprinkler risers and the area(s) protected by each riser shall be posted next to the fire alarm annunciator. The system number shall be stenciled on each riser with 3" high white numbers. (e.g.- inside a certificate holder). When a building or system is modified, it is the responsibility of the contractor who made modifications to the system(s) to update these maps.

Fire Protection Signage Requirements The following minimum Items shall be included on the all FACP / Fire Sprinkler Zone map(s):

1. Name & Address of building or business
2. Date when FACP / Fire Sprinkler Zone map was installed
3. North arrow
4. You are here symbol to orient fire personnel with their location inside the building
5. Building layout
 - a. Stairwell identification
 - b. Location of fire-rated walls and their ratings
 - c. Knox Box location(s)
 - d. Room numbers / names (particularly electrical rooms, kitchens, break rooms and riser rooms), layout of major interior and exterior walls and area names (i.e. fabrication area, storage area, accounting area, etc....)
6. Fire alarm symbol legend
7. Segregation lines, hash marks or shading to show where one (1) zone stops and another zone begins. Fire alarm system notification zones should correlate with building smoke and fire zones. Not required on addressable FACP's.
8. Location of NAC panels
9. Point identification for each initiating device that matches what is shown on FACP and device.
10. Automatic Fire Sprinkler Information
 - a. Location of Fire Sprinkler Riser Room
 - b. Identification of all sprinkler zones
 - c. Standpipe outlets
 - d. Sprinkler control valves (Including PIV's and FDC's)
 - e. Water-flow alarm devices
 - f. Inspector's test valve(s)
 - g. Auxiliary drain(s)
11. Location of any Range hood suppression systems or Clean agent systems National Fire



References:

2020 Fire Code of New York State Section 509.1, Section 604.3.1, and Section 901.4.6.2

509.1 Identification. Fire protection equipment shall be identified in an *approved* manner. Rooms containing controls for air-conditioning systems, sprinkler risers and valves, or other fire detection, suppression or control elements shall be identified for the use of the fire department. *Approved* signs required to identify fire protection equipment and equipment location shall be constructed of durable materials, permanently installed and readily visible.

604.3.1 Labeling. Doors into electrical control panel rooms shall be marked with a plainly visible and legible sign stating ELECTRICAL ROOM or similar approved wording. The disconnecting means for each service, feeder or branch circuit originating on a switchboard or panelboard shall be legibly and durably marked to indicate its purpose unless such purpose is clearly evident. Where buildings or structures are supplied by more than one power source, markings shall be provided at each service equipment location and at all interconnected electric power production sources identifying all electric power sources at the premises in accordance with NFPA 70.

901.4.6.2 Marking on access doors. Access doors for automatic sprinkler system riser rooms and fire pump rooms shall be labeled with an approved sign. The lettering shall be in contrasting color to the background. Letters shall have a minimum height of 2 inches (51mm) with a minimum stroke of 3/8 inch (10 mm).