



## Regulatory Fire & Safety Signage Barrie, Ontario

### Fire Routes

City of Barrie by-law 89-86

- The sign shall not be of a size not less than 30cm in width and 45cm in height
- Sign markings recommended include the universal no parking symbol of a black letter P with a red circle and a diagonal line over it
- The words FIRE ROUTE in black text
- Arrows below the wording pointing in the direction of the fire route
- A black border around the area of the sign (no specific thickness)





## No Parking

**Chris Smith, Municipal Law Enforcement Officer**

- Currently no specific requirements
- See information in [Other](#)

## Towing

**Chris Smith, Municipal Law Enforcement Officer**

- Currently no specific requirements
- See information in [Other](#)

## Smoking/No Smoking (in relation to the building entrance)

**By-Law 2010 - 034, Smoking Consolidated**

<https://www.barrie.ca/City%20Hall/ByLaws/BylawDocs/By-law%202010-034.pdf?@FileDirRef=City%20Hall/ByLaws/BylawDocs>

Public Place Sign Requirements: 2.4.0.0.0.

- The proprietor or other person in charge of any public place designated or regulated under the by-law shall ensure that a sufficient number of signs are conspicuously posted
- Signs are posted at every entrance to the public place and are visible and in sufficient numbers, clearly indicating that smoking is prohibited
- Graphic symbol follows on white background, circle and the interdictory stroke in red
- Must include the text "City of Barrie By-Law" in letters and figures at least 5% of the diameter of the circle in the symbol



# Safety Media

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- Diameter of the circle shall be not less than 10cm

## Workplace Sign Requirements:

- Employer or person in charge of workplace is designated to ensure that a enough signs are conspicuously posted
- Signs are posted at every entrance, are visible and in sufficient numbers
- Graphic symbol must be on a white background, with the circle and the interdictory stroke in red
- Must include the text "City of Barrie By-Law" in letters and figures at least 5% of the diameter of the circle in the symbol
- Diameter of the circle shall be not less than 10cm



## No Dumping

### *Chris Smith, Municipal Law Enforcement Officer*

- Currently no specific requirements
- See information in [Other](#)

## Underground Parking

### *Planning and Development - Urban Design Manual*

<https://www.barrie.ca/City%20Hall/Planning-and-Development/Documents/UrbanDesignManual-DevelopmentProcess.pdf>

### **General Requirements:**

- Directional signs are needed to guide people to designated parking spots and to identify these spots
- Must clearly indicate exit routes

### **Building Code Extracts**

[http://tnb.ca/en/brands/emergi-lite/files/EL\\_NBC%20BUILDING%20CODE\\_EN.pdf](http://tnb.ca/en/brands/emergi-lite/files/EL_NBC%20BUILDING%20CODE_EN.pdf)

Every exit door shall have an exit sign placed over it or adjacent to it if the exit serves

- A building that is 3 storeys in building height
- A building having an occupant load of more than 150



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- A room or floor area that has a fire escape as part of a required means of egress
- Every exit sign shall:
- Be visible on approach to the exit
  - Consist of a green pictogram and a white or lightly tinted graphical symbol meeting the colour specifications referred to in ISO 3864-1, “Graphical symbols – Safety colours and safety signs – Part 1: Design principles for safety signs in workplaces and public areas,” and c) conform to the dimensions indicated in ISO 7010, “Graphical symbols – Safety colours and safety signs – for the following symbols (see A-3.4.5.1.(2)(c))
    - i) E001 emergency exit left,
    - ii) E002 emergency exit right,
    - iii) E005 90-degree directional arrow, and
    - iv) E006 45-degree directional arrow.
  - Internally illuminated exit signs shall be continuously illuminated and
    - Where illumination of the sign is powered by an electrical circuit, be constructed in conformance with CSA C22.2 No. 141, “Emergency Lighting Equipment,”
    - Where illumination of the sign is not powered by an electrical circuit, be constructed in conformance with CAN/ULC-S572, “Photoluminescent and Self-Luminous Signs and Path Marking Systems.”
  - Externally illuminated exit signs shall be continuously illuminated and be constructed in conformance with CAN/ULC-S572, “Photoluminescent and Self-Luminous Signs and Path Marking Systems.” (See A-3.4.5.1. (4))
  - The circuitry serving lighting for externally and internally illuminated exit signs shall a) serve no equipment other than emergency equipment, and b) be connected to an emergency power supply as described in Sentences 9.9.12.3.(2), (3) and (7).
  - Where no exit is visible from a public corridor, from a corridor used by the public, or from principal routes serving an open floor area having an occupant load of more than 150, an exit sign conforming to Clauses (2)(b) and (c) with an arrow or pointer indicating the direction of egress shall be provided

## Accessibility Guidelines

### ***By-Law 87-290, Private Parking***

<https://www.barrie.ca/City%20Hall/ByLaws/BylawDocs/87-290%20Private%20parking%20Consolidated.pdf?@FileDirRef=City%20Hall/ByLaws/BylawDocs>





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## Character Proportion

- Sans serif font
- Arabic numbers
- Width-to-height ratio between 3:5 and 1:1
- Stroke width-to-height ratio between 1:5 and 1:1
- An uppercase X should be used for character measurement

## Character Height, Viewing Distance

### Character Height Dimensions for Viewing Distances

Minimum character height, mm	Maximum viewing distance, mm
200	6000
150	4600
100	2500
75	2300
50	1500
25	750

## Contrast

- Must colour contrast with the background (light on dark, or else dark on light)
- Minimum illumination on signs is 200lux

## Tactile Characters/Symbols

- Raised at least 0.8mm
- Be between 16 and 50mm high



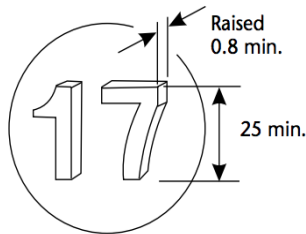
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## Fire Safety Plan Box Provisions

**Tracy Stevenson, 7057283199**

- No specific requirements
  - Recommend putting it in an easily accessible spot

## Other?

### **General Sign Bylaw Provisions**

<https://www.barrie.ca/City%20Hall/ByLaws/BylawDocs/2005-093%20Signs%20Consolidated%20effective%20120326.pdf>

### **Ground Signs**

- No greater than 7.5m in height
- 1.0m from any street line
- 1.5m from any common lot boundary with an adjacent lot
- 1.5m from any driveway, aisle or walkway or parking space
- 1.5m from any other ground sign on the same side of the street
- 6.0m from the common lot boundary where an adjacent lot contains a residential use
- Cannot be located within the sight triangle of a corner lot
- Soft landscape treatment at base, with boundaries of a minimum 1.0m from all sides of the sign/supporting structure

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