



## Regulatory Fire & Safety Signage

### Brampton, Ontario

#### Fire Routes

[http://www7.mississauga.ca/documents/bylaws/fire\\_route.pdf](http://www7.mississauga.ca/documents/bylaws/fire_route.pdf)

Signs used (as stated by Peel Region, under Mississauga)

- Standard Signs Type FR-1, FR-2, FR-3 and FR-6,
- Standard Signs Type FR-4, FR-5, FR-7 and FR-8
- Standard Sign Type FR-9

Size requirements:

- FR-1 through FR-8: 30cm x 45cm in size
- FR-9: 60cm x 75cm in size





# Safety Media

Fire & Life Safety Essentials

www.safetymedia.com

sales@safetymedia.com

1-800-420-9737

FR-4



FR-5



FR-6



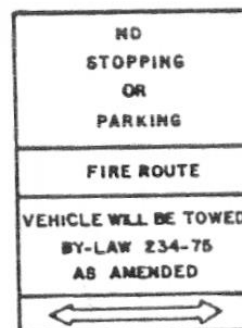
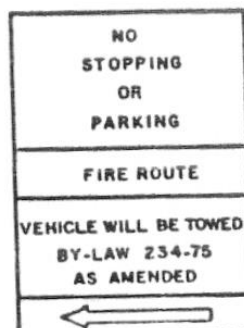
FR-7



FR-8



FR-9





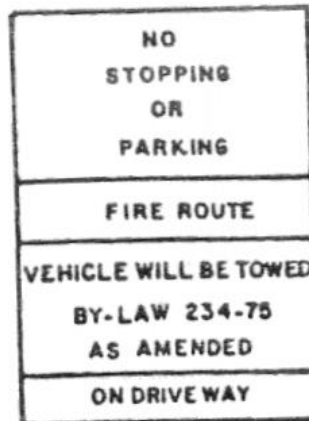
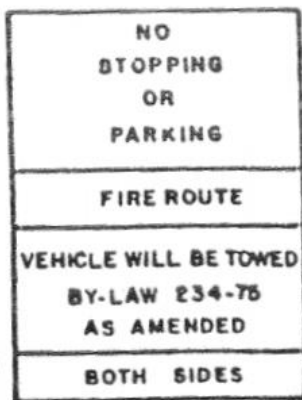
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## No Parking

### Business Licensing Bylaw

<http://www.brampton.ca/EN/City-Hall/Bylaws/All%20Bylaws/Business%20Licensing.pdf>

For privately owned parking lots:

- Signs must state, in letters and figures of uniform size not less than 8 centimeters in height, the rates or charges for parking
- Must state in readily legible letters, the hours during which the Licensed Premises is open for business, together with the Licensee's name, address and telephone number

### Traffic Bylaw

<https://www.brampton.ca/en/City-Hall/Bylaws/Traffic%20ByLaws/9393TXT.pdf>

Parking on Private parking

- Signs posted must state conditions on which a motor vehicle may be parked or left on the property, or prohibiting the parking or leaving of a motor vehicle on the property

### Information from the Municipal Building Services: 9058742090

- Said they have no requirements for these types of signs on private property



## Towing

### **Business Licensing Bylaw**

<http://www.brampton.ca/EN/City-Hall/Bylaws/All%20Bylaws/Business%20Licensing.pdf>

Towing from privately owned parking lots:

- Signage is posted that clearly notifies persons that illegally parked vehicles will be ticketed and towed
- Signage must provide the name and telephone number of the pound facility the Motor Vehicle will be to
- Signage must be placed in a location clearly visible in all lighting levels

### **Information from the Municipal Building Services: 9058742090**

- Said they have no requirements for these types of signs on private property

## No Smoking

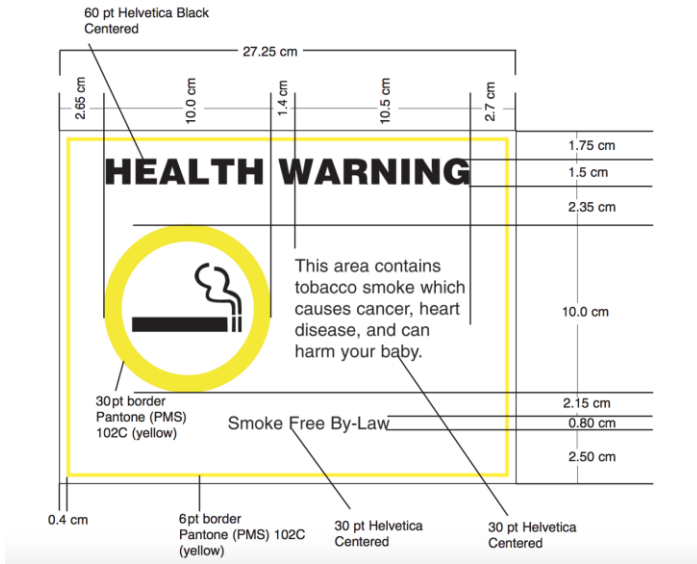
### **Smoke Free Bylaw**

<https://www.peelregion.ca/council/bylaws/2000s/2003/by14-2003.htm>

<https://www.brampton.ca/EN/City-Hall/Bylaws/All%20Bylaws/Smoke-free.PDF>

### **Health Warning Signs, Schedule A:**

- Must include texts: "Warning - this area contains tobacco smoke, which causes cancer, heart disease, lung disease, and can harm your baby"
- Bold text is 60pt Helvetica Black, and is centered
- Small text is 30 pt. Helvetica, centred
- Yellow colour is in a 30pt border, Pantone (PMS) 102C



## No Smoking Signs, Schedule B

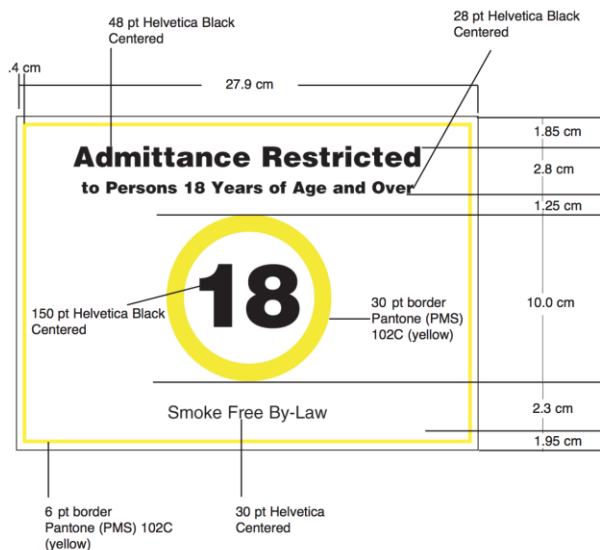
- Consists of two contrasting colours, or else the graphic symbol must contrast to the background colour





### Age Restriction Sign, Schedule C

- Sign must carry the text "Warning - entrance to this establishment is restricted to patrons who are 19 years of age or older"



## Dumping

### Refuse and Dumping Bylaw, 381-2005

<http://www.brampton.ca/EN/City-Hall/Bylaws/All%20Bylaws/Refuse%20and%20Dumping%20By-law.pdf>

- Presence of a No Dumping sign is deemed to indicate a lack of consent on part of the owner of the private property

### Information from the Municipal Building Services: 9058742090

- Said they have no requirements for these types of signs on private property



## Underground Parking

### Information from the Municipal Building Services: 9058742090

- Said they have no requirements for these types of signs

### 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
- 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

## Fire Safety Plan Box Provisions

### **Security Boxes Bylaw, 46-89**

<https://www.brampton.ca/EN/City-Hall/Bylaws/Archive/046-1989.pdf>

- A metal cabinet, of enough size to hold binders and keys as required
- Key locking system must be approved by the Fire Chief

### **Security Box By-Law 289-97**

<http://www.mississauga.ca/file/COM/newsecuritybox.pdf>

- Must be a weatherproof, metal cabinet or box capable of being locked with a key locking system compatible with the master key systems currently available through the MIKOR Company or the Chubb Security Locksmith Company
- *If designed to hold information relating to the Fire Safety Plan, Hazardous Materials, Hazardous Physical Agents, or WHMIS:* must be equipped with a key locking system manufactured by MIKOR Company, dedicated for use exclusively by the Mississauga Fire and Emergency Services
- Must be of enough size to hold all required keys and binders
- *If designed to hold keys:* it must be equipped with a key locking system manufactured by Chubb Security Locksmiths and dedicated for use exclusively to Mississauga Fire and Emergency Services

## Accessibility Guidelines

### **Traffic Bylaw, 93-93**

<https://www.brampton.ca/en/City-Hall/Bylaws/Traffic%20ByLaws/9393TXT.pdf>

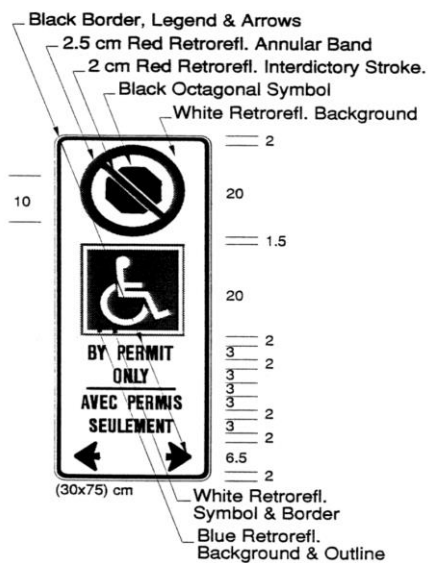
### **Highway Traffic Act**

<https://www.ontario.ca/laws/regulation/900581>

Stated in the traffic bylaws, Brampton follows the regulations in the Highway Traffic Act, Ontario Regulation 581

- Signs must also include the text: "Maximum fine \$5000" and "For enforcement call 905-458-3424"
- Type A signs must include the text "van accessible"







## Technical Accessibility Guidelines

<http://www.brampton.ca/en/City-Hall/Accessibility/Documents/technical-standards.pdf>

Letters and numbers in signs shall follow these requirements:

- Sans serif text
- Have Arabic numbers
- Have a width-to-height ratio between 3:5 and 1:1
- Have a stroke-width-to-height ratio between 1:5 and 1:10
- Use an upper-case X for character measurement
- Have a glare free surface, be of uniform design
- When used to give the same type of information within the same facility, be consistently shaped, coloured, and positioned
- Contrast with the surrounding surface
- Characters, symbols, and backgrounds shall have an eggshell, matte, or other glare-free finish
- Characters and symbols shall contrast with their background (light characters on dark background, or vice versa)
- LED signage shall be white, yellow, or light blue on a black background
- Minimum level of illumination on signs is 200 lux

When signs are required to be tactile, letters and numbers follow the following requirements:

- Raised 0.8mm-1.5mm, not sharply edged
- Be between 16mm and 50mm high
- Be sans serif, accompanied by Grade 2 Braille near the bottom edge of the sign
- Colour contrast with their background by at least 70%

Pictogram sign requirements:

- Accompanied by the equivalent verbal description, placed directly below it
- Border dimension is 150mm minimum in height
- Symbols and pictographs must be raised between 0.8mm - 1.5mm
- Accompanied by the equivalent description in Grade 2 Braille placed directly below the pictograph or symbol
- Colour contrasted with their background by at least 70%



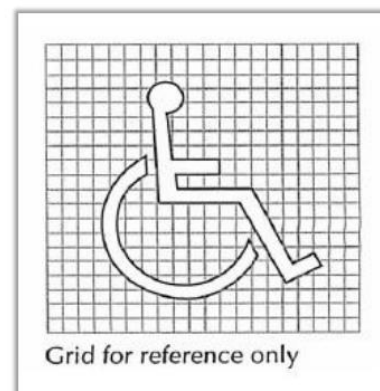
**Figure IV.4.7.1: Colour Contrast on Signs**



**Figure IV.4.7.2: Pictograms**  
(Note: Shall incorporate equivalent verbal description)



**Figure IV.4.7.3: Tactile Lettering**



**Figure IV.4.7.4: International Symbol of Access**

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