



Regulatory Fire & Safety Signage

Burlington, Ontario

Fire Routes

<https://www.burlington.ca/uploads/19/635550166404999636.pdf>

- 45cm long and 30cm wide
- Made of aluminum with Scotch Light reflective vinyl background and lettering
- Be visible day and night (reflectorized or illuminated)
- Have
 - Proper “No Parking” symbol at the top
 - Followed by the words “Fire Access Route, Vehicles Will Be Tagged and/or Towed Away”
 - Appropriate colouring
- Have multi directional arrows or a single directional arrow to identify the fire route and indicate the limit of the fire route

Installation information:

- Posted at all entrances and exits, on both sides
- Posted along the driveway
 - May need additional wording for “both sides” on the bottom
- Directional arrows should point to each other
- Max distance of 40m between each sign
- Affixed to a permanent and stationary galvanized steel “U” post or pole or on the face of a building so that the sign is 2m from grade level
- Angled between 30-45 degrees towards oncoming traffic (wall signs do not need to be angled)
- Posted within 2m of the edge of the pavement (recommend 1m back)



No Parking and Towing

Parking and Idling Bylaw:

<https://www.burlington.ca/en/Modules/Bylaws/Bylaw/Details/f16d503e-3dc3-4f06-98fe-004df7562eb4>

- Post Authorized Signs on the private property used for parking a vehicle, stating the regulations on which a vehicle may be parked or left on the private property

Private Property Authorized Signs:

https://www.burlington.ca/en/services-for-you/resources/Parking/Parking_Enforcement/Private_Property_-_Authorized_Signs.pdf

- All signs must follow the dimensions 30cm x 45cm



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**PRIVATE
PROPERTY**

UNAUTHORIZED
VEHICLES WILL BE
TAGGED AND/OR
TOWED AT OWNERS
EXPENSE

City of Burlington
By-law, as amended

OPTIONAL SAMPLE SIGNS TO BE INSTALLED - IF APPLICABLE

<p>PAY PARKING</p> <p>9am - 6pm</p> <p>PURCHASE PAYMENT SLIP AT MACHINE</p>	<p>TENANT PARKING ONLY</p> <p>City of Burlington By-law, as amended</p>	<p>STAFF PARKING ONLY</p> <p>City of Burlington By-law, as amended</p>	<p>CUSTOMER PARKING ONLY</p> <p>City of Burlington By-law, as amended</p>
<p>VISITOR PARKING PARKING ONLY</p> <p>City of Burlington By-law, as amended</p>	<p>PAY PARKING</p> <p>9am - 6pm</p> <p>PURCHASE PAYMENT SLIP AT MACHINE</p>	<p>VISITOR PARKING</p> <p>PARK BY PERMIT ONLY</p> <p>See Property Management for Permit</p>	<p>TENANT PARKING ONLY</p> <p>City of Burlington By-law, as amended</p>



No Smoking

Halton Region Requirements:

<http://sirepub.halton.ca/councildocs/pm/9/Apr%201%202009%20REGULAR%20MEETING%20OF%20REGIONAL%20COUNCIL%20Bylaw%20No%202409%20%20A%20bylaw%20to%20Prohibit%20Smoking%20wi%20%202409doc%20115558.pdf>

- White background with a graphic of the international no smoking symbol
- Includes the text: "Halton Region By-law No. 24-09" above the graphic
- Includes the text: "Within Nine Metres" below the graphic



Burlington Workplace Requirements

<https://www.burlington.ca/en/Modules/Bylaws/Bylaw/Details/f6a124cc-33a7-408c-b40f-aea041114e30>

- Be of sufficient size
- Include a symbol of a cigarette within an interdictory symbol together with the words "City of Burlington By-law"
- Consist of letters and graphic symbol of colour, which contrast with the background of the sign/surface applied



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Smoking in Public Places By-law

<https://www.burlington.ca/en/Modules/Bylaws/Bylaw/Details/433023aa-a4ae-49bd-897d-d37ab1229c8b>

No Smoking Signs:

- Be of sufficient size
- Include a symbol of a cigarette within an interdictory symbol together with the words "City of Burlington By-law"
- Consist of letters and graphic symbol of colours which contrast with the background colour of the sign/surface applied



DSR

- Rectangular in shape, and a minimum of 11cm high x 28cm wide, or 4.25' high x 11' wide
- Includes the words "City of Burlington By-law"
- Consist of letters which contrast with the background colour of the sign/surface applied

Signs:

Maximum fine \$5,000

Under 19?

No person under the age of nineteen (19) years of age may be admitted to this Designated Smoking Room.

City of Burlington By-law #31-2002

Warning: This area contains tobacco smoke, which is harmful to health both for Smokers and for those who breathe in second hand smoke.



Underground Parking

Bylaw Enforcement 905 335 7600

Building and Permits

- Burlington has no specific requirements in a bylaw, but they follow the Ontario Building Code requirements for underground parking lots

Ontario Building Code

<https://www.ontario.ca/laws/regulation/120332>

Exit signs must:

- Be visible on approach to the exit
- Consist of a green pictogram and white graphic symbol meeting the visibility specifications in: ISO 3864-1, "Graphical Symbols – Safety Colours and Safety Signs – Part 1: Design Principles for Safety Signs and Safety Markings
- Conform to the dimensions in ISO 7010, "Graphical Symbols - Safety Colours and Safety Signs - Safety Signs Used in Workplaces and Public Areas" for the following symbols:
 - E001 emergency exit left
 - E002 emergency exit right
 - E005 90-degree directional arrow
 - E006 45-degree directional arrow
- Internally illuminated
 - Continuously illuminated, and if powered by an electrical circuit be constructed in accordance with CSA 22.2 No. 141, "Emergency Lighting Equipment"
- Photoluminescent and self-luminous exit signs
 - conform to CAN/ULC-S572, "Photoluminescent and Self-Luminous Signs and Path Marking Systems
 - be labelled in accordance with the time duration for which they have been tested and *listed*

ISO Requirements: <https://www.iso.org/obp/ui/#iso:std:iso:7001:ed-3:v1:en> (\$)



No Dumping

Bylaw Enforcement 905 335 7600

- Ground signs and Fascia signs require a permit
- For other private property signage, you must consult the condo board/property owner...etc.

Fire Safety Plan Box Provisions

- Burlington currently has no provisions regarding fire safety plan boxes
- They suggest keeping a fire safety plan in an office/easily accessible place

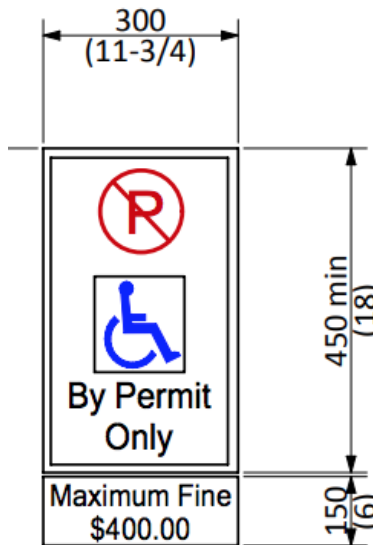
Accessibility Guidelines

Accessibility Design Standards

<https://www.burlington.ca/en/services-for-you/resources/Accessible%20Services/2016-Burlington-Accessibility-Design-Standards---FINAL.pdf>

Designated Parking Spots Signage

- Colour/tonal contrast with the background environment
- At least 300mm wide x 450mm high
- Made of aluminum with Scotch Light reflective vinyl background and lettering
- Visible day and night - reflectorized or illuminated
- Have a white background
- Have the proper symbols and lettering
- "No Parking" with red circle with a black "P"
- International Symbol of Accessibility be blue and white
- "By Permit Only" in black lettering



General Signage Requirements

- Have an eggshell, matte, or other glare-free finish

Letters and numbers

- Be sans serif (Helvetica, Univers 55, Verdana, Arial)
- 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
- Have 70% colour/tonal contrast to the sign surface



Figure 4.4.7.1:
Colour/tonal contrast on Signs

This is a **serif** font face

*This is a **sans serif** font face



Minimum character height (mm)	Maximum viewing distance (mm)
200 (7-7/8 in.)	6000 (19 ft. 8 in.)
150 (6 in.)	4600 (15 ft. 0 in.)
100 (3-15/16 in.)	2500 (8 ft. 2-1/2 in.)
75 (2-15/16 in.)	2300 (7 ft. 6-1/2 in.)
50 (2 in.)	1500 (4 ft. 11 in.)
25 (1 in.)	750 (2 ft. 5-1/2 in.)

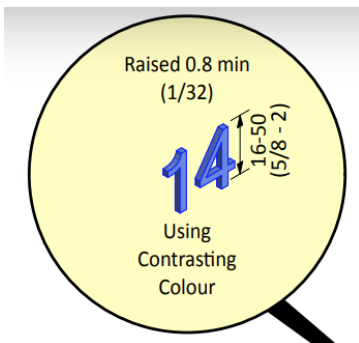
Table 4.4.7.2:
Character height on signs

Background Surface	Sign Background	Colour of Lettering
Light brick or light stone	Dark (black preferred)	White/yellow
Whitewashed wall	Dark (black preferred)	White/yellow
Red brick or dark stone	White	Black, dark green or dark blue
Green Vegetation	White	Black, dark green or dark blue

Table 4.4.7.1:
Examples of effective colour/tonal contrast on signs (Source: CNIB)

Tactile Letters and Numbers

- Raised at least 0.8mm, not sharply edged
- Be between 16mm and 50mm high
- Be sans serif, accompanied by Grade 1 Braille





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Pictograms

- Border dimensions shall be 150mm minimum in height
- Accompanied by an equivalent visual and tactile verbal description placed directly below the pictogram



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