



Regulatory Fire & Safety Signage London, Ontario

Fire Routes

<https://www.london.ca/residents/Parking/Parking-Services/Documents/2014-Fire%20Route%20Sign%20Details.pdf>

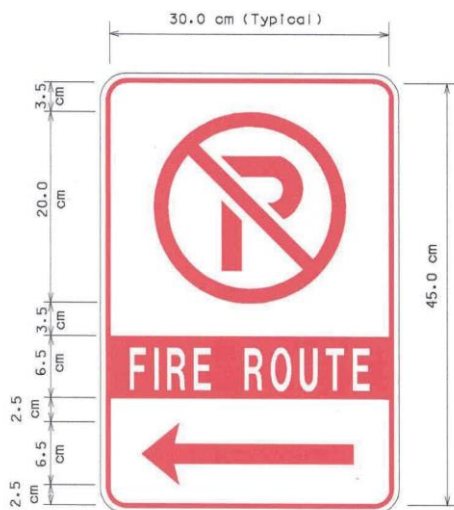
- Circle, slash and P must be in red
- Background and message must be reflective silver
- Dimensions noted in FR 1 image carry for FR 2 and FR 3 options

Traffic By-Law

<https://www.london.ca/city-hall/by-laws/Documents/traffic.pdf>

- Fire route signs displaying one of the following: "By-law P.S. 69-216" or "By-law P.S. 87-418" or "By-law P.S. 99-285" or "By-law P.S. 101-73" or "By-law P.S.- 107" are also acceptable

FR 1 Sign:





FR 2 Sign:



FR 3 Sign:



<https://www.london.ca/city-hall/by-laws/Documents/schedule25.pdf>



Material and Colour Requirements:

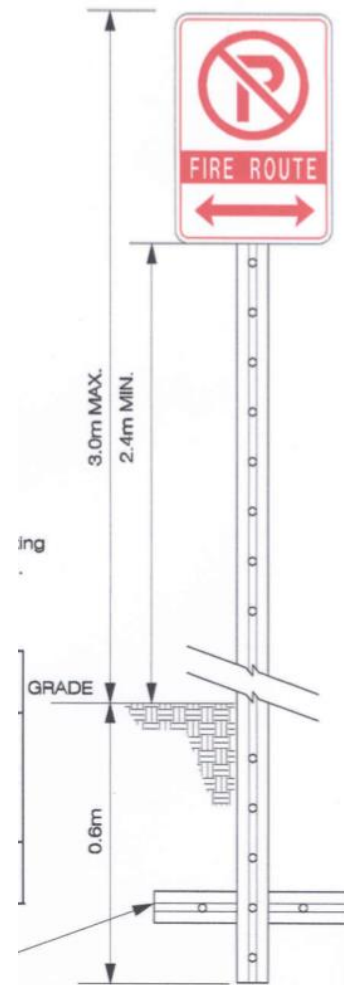
COLOUR		BLANK		SUPPORTS	
Circle, Slash And 'P'	Red	Number	Aluminum Blank 6	Size and Type	City Standard
Border, Bar And Arrow					
Background and Message	Reflective Silver	Colour of Back	Aluminum	Colour	Aluminum

Sign

Mounting/Additional Details

TOLERANCES

- CIRCLED DIMENSIONS $\pm 1/16''$
- THICKNESS $\pm 0.015''$
- ALL OTHER DIMENSIONS $\pm 1/32''$





No Parking

IMPORTANT INFORMATION UNDER “OTHER PRIVATE PROPERTIES”

Commercial Parking Facility - under the Business Licensing Act

- Must follow the License Manager, prescribed by Schedule X - Commercial Parking Facility
- Minimum size of sign area should be .7m x 1m
- White reflective background, with black lettering no smaller than 10cm
- Contents should indicate parking fees and parking fines/notices

London Business Licensing Bylaw:

<http://www.london.ca/city-hall/by-laws/Documents/business-licence-L6.pdf>

- If parking facility has separate restricted and public parking areas: Form 3 sign is posted at entrance, and Form 2 is posted at the restricted parking area
- Form 6 sign is posted at every reserved parking space
- If parking facility charges by an individual parking meter or a pay and display parking meter, or with an on-site attendant, a Form 3 or Form 1 sign is posted at each entrance
- If parking facility is offered to the public for a specified time, and at other times is for private parking purposes, a Form 1 sign is posted at each entrance

Sign	Size (Minimum)	Colours
Form 1	24" x 36" Symbol: 9" Bold letters: 2 ½" Regular Print: 1 ¼"	On white reflective background RESTRICTED: red reflective interdictory symbol, black legend, symbol and border AUTHORIZED: green reflective annular band, black legend, symbol and border PENALTY: black legend and border



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Form 2	24" x 36" Symbol: 9" Bold letters: 2 ½" Regular Print: 1 ¼"	On white reflective background RESTRICTED: red reflective interditory symbol, black legend, symbol and border PENALTY: black legend and border
Form 3	24" x 36" Symbol: 9" Bold letters: 2 ½" Regular Print: 1 ¼"	On white reflective background AUTHORIZED: green reflective annular band, black legend, symbol and border PENALTY: black legend and border
Form 4	14" x 20" Regular Print: 1 ¼"	On white reflective background, with a red legend and border RATES AREA: white print on red background
Form 5	12" x 12" Symbol: 6" Bold letters: 1 ¼" Regular print: 1 ¼"	On yellow reflective background, black legend, symbol and border
Form 6	13" x 18" Bold letters: 1 ¼" Regular print: 1 ¼"	On white reflective background, black legend and border

No Stopping Signs, Site Plan Control By-Law

<https://www.london.ca/city-hall/by-laws/Documents/siteplanCP1455.pdf>



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Rb-55	30 cm x 30 cm
Rb-155	60 cm x 60 cm
Font	N/A
Colour	Interdictory Symbol – Red Reflective Legend & Border – Black Background – White Reflective

Other Private Properties:

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- There is a private property process in London
- When someone orders signs for properties in London they must be in a private property program first. This means that the entire process must go through Marzena, and Safety Media must contact her before proceeding with the sign to ensure that the customer is enrolled in the program

Examples:



Font: Helvetica Black & Helvetica

450mm x 600mm Aluminum, Black text on reflective white background



Towing

Business Licensing Bylaw

<http://www.london.ca/city-hall/by-laws/Documents/business-licence-L6.pdf>

- Form 5 sign is posted at each entrance immediately below the Form 3 sign and immediately below the Form 2 sign (if entrance is for restricted parking areas)
- Form 4 sign is posted at each entrance immediately below the Form 5 sign
 - See table above for signage form requirements
- Signs must include business name, municipal address and telephone number, and the location to which any motor vehicle is towed from the facility, as well as the maximum amount of towing and storage costs charged

See information under [No Parking](#), **Other Properties** section

No Smoking

No Smoking - Public Places

<https://www.london.ca/city-hall/by-laws/Documents/smoke-free-publicPH10.pdf>

- Consists of a black cigarette on a white background with the circle and the interdictory stroke in red
- Must include the text "City of London By-law" in letters at least 5% of the diameter of the circle in the symbol
- Diameter of circle is based on the maximum viewing distance
 - 3m or less = 10cm diameter
 - 3m or more = 14cm diameter
- If erected at the entrance of a public building, the diameter will be a minimum of 10cm

No Smoking - Workplaces

<https://www.london.ca/city-hall/by-laws/Documents/smoke-free-workPH11.pdf>

- A black cigarette on a white background with a circle and the interdictory stroke in red
- Must include the text "City of London 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

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- No permit required
- No other requirements

Underground Parking

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- There is a site plan approval process
 - Development and compliance service, develop out a site plan for property and through the plan there would be requirements for specific signage
- General exit sign requirements are under the Building Code

Building Code Extracts

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



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- 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

Fire Safety Box By-Law

<https://www.london.ca/city-hall/by-laws/Documents/fire-safety-boxes.pdf>

- Metal box that is locked with a padlock
- Must be large enough to hold the contents prescribed for a safety box (keys, fire safety plan, an unlocked replacement padlock to lock the fire safety box and lock box)

Accessibility Guidelines

Accessible Parking Spots - Parking Bylaw

<https://www.london.ca/city-hall/by-laws/Documents/schedule28.pdf>

Type A sign, as defined under the Accessibility for Ontarians with Disabilities Act:

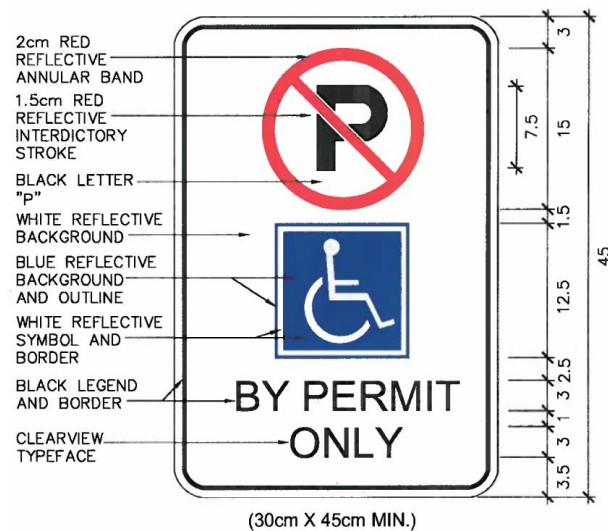
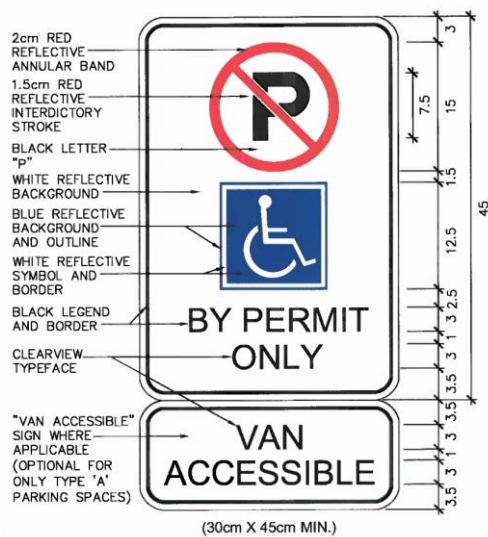
- 2cm red reflective annular band, with a 1.5cm red reflective interdictory stroke
- Black letter "P" within circular symbol



- White reflective background
- For the international symbol for disabilities:
 - Blue reflective background and outline
 - White reflective symbol and border
- Black legend and border
- Clearview typeface stating: BY PERMIT ONLY
- If applicable, a VAN ACCESSIBLE sign is needed, for Type A spaces only
- Total dimension: 30cm x 45cm, minimum

Type B sign, as defined under the Accessibility for Ontarians with Disabilities Act:

- Follows regulations noted above, however no VAN ACCESSIBLE sign is permitted



Facility Accessibility Design Standards

https://www.london.ca/city-hall/accessibility/Documents/FADS_2007_final.pdf

International Symbol of Accessibility:



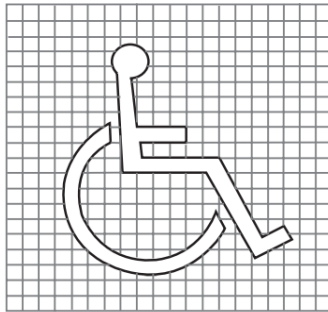
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Design Requirements:

- Letters and numbers
 - 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
- Characters, symbols and backgrounds have an eggshell, matte, or other glare-free finish
- Contrast with the background
 - Light characters on a dark background
 - Dark characters on a light background



This is a **serif** font face

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

Character height requirements - based on maximum viewing distance:



Minimum character height, mm	Maximum viewing distance, mm
200 (7-7/8 in.)	6000 (19 ft. 8 in.)
150 (5-7/8 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.)

Tactile sign requirements:

- Letters and numbers
 - Raised at least 0.8mm, not sharply edged
 - Between 16mm and 50mm high
 - Sans serif text
 - Accompanied by uncontracted Braille (Grade 1) in signs with limited text (up to 10 words), and on signs related to safety
 - Accompanied by contracted Braille (Grade 2) in all other applications

Pictograms:

- Border dimension is 150mm minimum in height
- Must be accompanied by an equivalent visual and tactile verbal description placed directly below the pictogram



Other Requirements:

- Minimum level of illumination on signs is 200 lux

Disclaimer: The material and information contained on this document is for general information purposes only. Please contact your local authorities before making any business, legal or other decision.