

SCHEDULE "P" TO BY-LAW BL-2024 - 048  
FIRE ROUTE REQUIREMENTS

PHYSICAL REQUIREMENTS

1. All designated fire routes shall be constructed and maintained in accordance with all of the following requirements:
  - (1) Be connected to a public thoroughfare;
  - (2) Have a clear driving width of not less than six (6) metres, if the building is designated as a Part 3 building under the Ontario Building Code;
  - (3) Be constructed of a hard surface material, such as asphalt, concrete or compacted granular material, that will provide accessibility in all climatic conditions and is capable of supporting a load of not less than 25,500 kg (56,217 lbs) gross vehicle weight;
  - (4) Have a change in gradient of not more than 1 in 12.5 over a minimum distance of fifteen (15) metres;
  - (5) Be located not less than three (3) metres and not more than fifteen(15) metres, measured horizontally and at right angles from the face of the building;
  - (6) Have an overhead clearance of not less than five (5) metres;
  - (7) Have a centre line radius of not less than twelve (12) metres with respect to any change in direction of the fire route;
  - (8) Have turn around facilities for any dead end portion of the fire route exceeding ninety (90) metres; such turn around facilities shall be either a twenty seven(27) metre cul-de-sac or a thirty five(35) metres x six(6) metre hammerhead;
  - (9) Be designed to provide access to the building face which contains the principal entrance when one only building face is required to be accessible by the Ontario Building Code; and
  - (10) be located not more than forty five (45) metres measured horizontally from an entrance to each portion of a building which is completely cut off from the remainder of the building which is served by the fire route.
  
2. The clear width of the designated fire route may be reduced to:
  - (1) Four (4) metres, if the building is designated as a Part 9 building under the *Ontario Building Code* and the authorized signs are placed along both sides of the driveway prohibiting parking or stopping; or

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- (2) Five (5) metres, if the building is designated as a Part 9 building under the Ontario Building Code and the authorized signs are placed along one side of the driveway prohibiting parking or stopping.

**SIGNAGE**

- All signs required by this by-law shall be printed on thirty (30) centimetres by forty five (45) centimetres sign blank and shall display a format as illustrated in Figures A and B below.
- Fire route signs shall be placed at each limit of a designated fire route and shall display single headed arrows (Figure A) pointing in the direction of such designated fire route. Signs displaying double headed arrows (Figure B) shall be placed at intermediate points along the designated fire route at intervals of approximately thirty (30) metres or as identified by the Fire Chief.
- Signs shall be installed at an angle of 45-60 degrees in relation to the edge of the travelled portion of the designated route facing approaching traffic.
- Signs shall be erected on a sign post anchored securely to the ground or a platform capable of holding the sign erect during all weather conditions. The maximum height of signs shall be no greater than three (3) metres and the minimum height of signs shall be no less than two (2) metres above the wearing surface of the fire route. The height measurement referred to in this section shall be taken to the top of the sign for both the minimum and maximum heights.
- Signs shall be erected on the boulevard of a designated fire route so that no part of the sign is closer than sixty (60) centimetres nor greater than 3 metres to the edge of the fire route.

