

MINIMUM FIRE ACCESS ROUTE DESIGN REQUIREMENTS

The design and construction of all designated fire access routes shall:

- Be connected to a public thoroughfare by an entrance not less than 7.5m which may be reduced to 6m after the property line.
- Have a clear driving width not less than 6m except for a controlled access, such as a fence gate which shall be not less than 4m.
- Be constructed of hard surface material, such as asphalt, concrete or lockstone to permit accessibility under all climate conditions and designated to support a load of not less than 25,000 lbs (11,340kg) per axle.
- Have a change in gradient of not more than one (1) in 12.5 over a minimum distance of 15m.
- Have an overhead clearance not less than 5m.
- Have a centre line radius of not less than 12m with respect to any change in direction of the access route.
- Have turn around facilities for any dead end portion of the access route exceeding 90m. Such turn around shall be either a 30m diameter cul-de-sac or a 13m x 6m hammerhead with 12m centre line turning radii. Be designed to provide access to the building face which contains the principle entrance when only one building face is accessible.
- Be located not more than 45m measured horizontally from a principle entrance of each portion of a building which is completely cut off from the remainder of the building which is served by the fire access route.

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Parking Sign

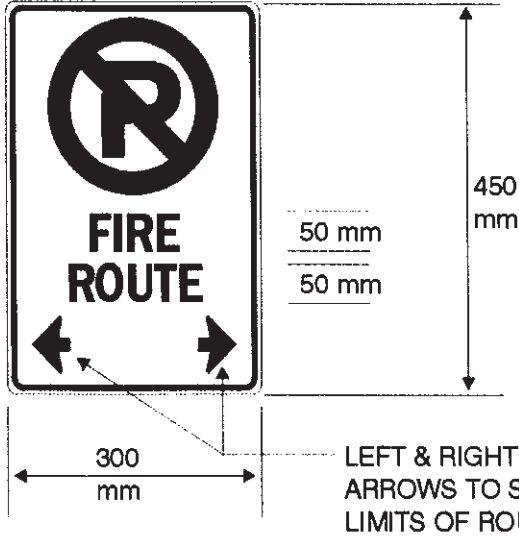
FIRE ROUTE SIGNAGE AND INSTALLATION SPECIFICATIONS

Sign Requirements:

- Signs shall comply with all MTO Standards for Prohibited Parking Signs.
- All signage and installation of signage shall conform to the requirements as outlined in the Town of Ajax Traffic Bylaw 5-2004, as amended.
- All sign blanks shall have appropriate radius and sharp edges removed.
- Sign blanks and completed signs shall have 11mm x 18mm slotted holes to accept metric or imperial mounting with holes 3cm - 12cm from outer edge. Centre of mounting slots shall be equal to multiples of 5.08cm centrally located on blank. On steel blanks, fabrications shall be fabricated before galvanizing as to prevent corrosion. On aluminum blanks, fabricating shall be performed prior to painting and baking.
- Finished signs and symbols shall be applied to 1.63mm utility grade aluminum with bright white mill baked finish on both sides. All inks shall be glossy.
- Faces to conform to Reg. 486 of the Highway Traffic Act.
- All lettering and colours to meet MTO standards.

Installation Requirements:

- Signs shall be mounted on permanent posts, poles, or building structure.
- Signs shall be erected at a height of between 1.9m (6 feet) and 2.5m (8 feet) as measured from the edge of the traveled portion of the designated route to the bottom edge of the sign.
- Signs shall be installed at a distance of between 0.3m (1 foot) and 3m (10 feet) from the traveled edge of the designated route.
- Signs as designated shall be installed along the route at approximately 30m (100 feet) intervals or as frequently as is necessary to identify the route in the judgement of the Chief Fire Official.
- Signs shall be installed so that there are no obstructions within 6 metres (20 feet) of the sign and be visible to approaching traffic.
- Signs shall display single headed arrows pointing in the direction in which the regulation is in effect. At intermediate points throughout the regulated area, double headed arrows shall indicate that the prohibition or restriction exists in each direction.
- Bylaw numbers shall not be indicated on a Fire Route sign.
- A designated Fire Access Route and signage shall be maintained by the property owner.
- A final Fire Department inspection will be required as part of the final approval. To arrange for a final inspection, please contact the Fire Prevention & Public Safety Division at 905-683-7791.
- Note: Enforcement cannot commence until the Bylaw is amended and signage is approved.



NO PARKING - FIRE ROUTE SIGN

SIGNS TO BE BASED ON THE STANDARD MTO RB-52 PARKING PROHIBITION SIGN MODIFIED AS SHOWN.

FIRE ROUTE TEXT TO BE 50mm IN HEIGHT, BLACK UPPER CASE LETTERING CORRECTLY SPELLED AND SPACED AS NEEDED

**NO PARKING
FIRE ROUTE SIGN**

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Parking Sign*

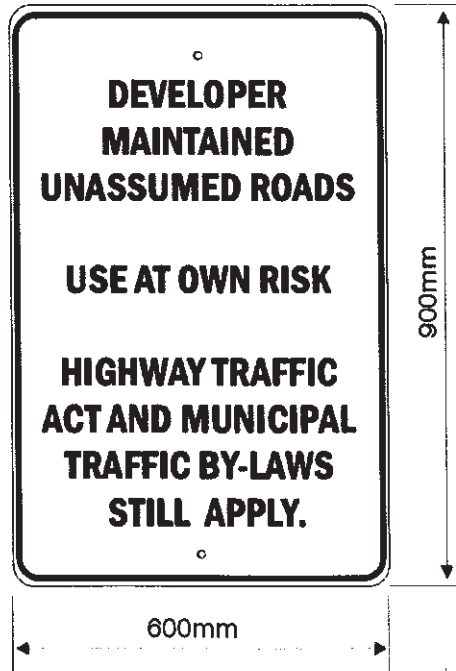
UNASSUMED ROAD SIGN

SIGN TO BE BASED ON A MTO B-29 BLANK

SIGN TO BE MOUNTED ON A 100X100mm PRESSURE TREATED TIMBER POST UNLESS OTHERWISE DIRECTED AND/OR APPROVED BY THE TOWN.

REFLECTIVE BACKGROUND TO BE YELLOW HIGH INTENSITY TYPE III MATERIAL.

TEXT TO BE 100mm IN HEIGHT, BLACK UPPER CASE HIGHWAY HELVETICA LETTERING CORRECTLY SPELLED AND SPACED AS NEEDED.



UNASSUMED ROAD SIGN

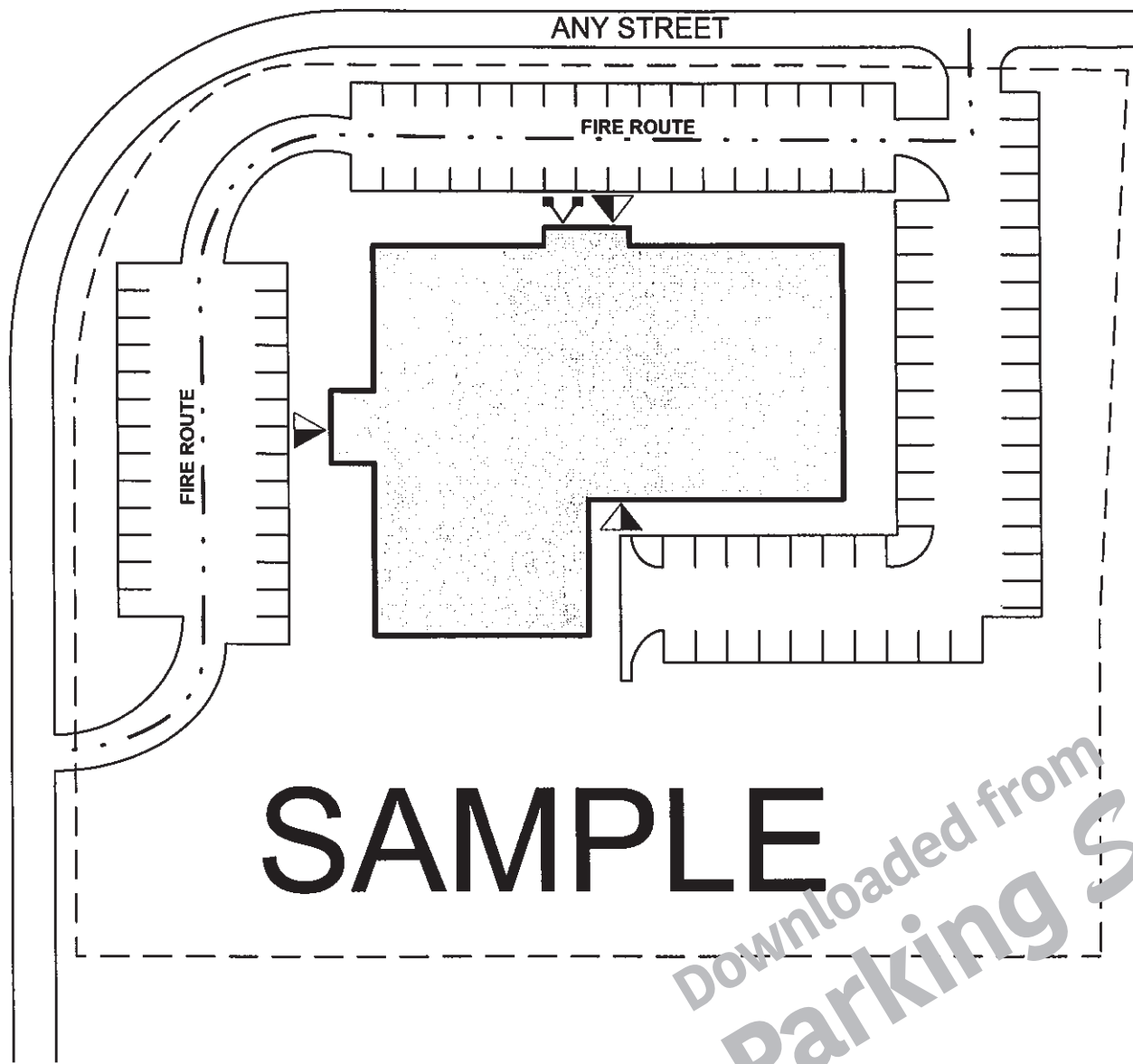
THE CORPORATION OF THE TOWN OF AJAX

ENGINEERING

[Signature]
REVISION No. 1
DATE OCT. 22, 2001

MUNICIPAL TRAFFIC SIGNS

DWG No. **AS-333**



SAMPLE

Downloaded from
Parking Sign

NOT TO SCALE

LEGEND

APPROXIMATE LOCATION OF PROPERTY LINE

FIRE ROUTE SHOWN AS

FIRE ROUTE SIGN ON STREET LIGHT POLE

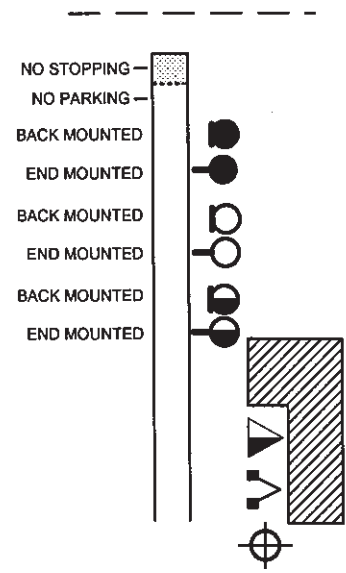
FIRE ROUTE SIGN ON SIGN POST

FIRE ROUTE SIGN ON BUILDING OR STRUCTURE

ENTRANCE TO BUILDING

FIRE (SIAMESE) CONNECTION

FIRE HYDRANT



LOCATION / DESCRIPTION

	TYPE	QTY.
DESIGNATED FIRE ROUTE		
DATE:	SCHEDULE NUMBER	