

THE CORPORATION OF THE CITY OF BRAMPTON

BY-LAW NUMBER 16-74

A By-law to regulate and require inspection of Plumbing and Drainage installations and to require Permits and Fees for the inspections.

WHEREAS it is deemed necessary to require Plumbing and Drain inspections and to require Permits and Fees for the inspections and

WHEREAS by virtue of Section 62-63, 64-65 of the Ontario Water Resources Act, R.S.O. 1970, Chapter 332 as amended, Ontario Regulation 647 as amended respecting Plumbing is in effect in the City of Brampton

THEREFORE the Council of the Corporation of The City of Brampton ENACTS as follows:-

Section 1 - DEFINITIONS

In addition to the definitions specified in Regulation 647 of the Ontario Water Resources Act, as amended, the following definitions shall also apply when used in this By-law.

- 1.1 Corporation means the Corporation of the City of Brampton.
- 1.2 Building and Zoning Co-Ordinator shall mean the person designated by the Corporation to be responsible for the administration and enforcement of this By-law. In his absence this By-law shall be administered by the Deputy Building and Zoning Co-Ordinator and/or the Senior Plumbing Official.
- 1.3 Plumbing Inspector shall mean the person or persons designated to perform the duties of a Plumbing Inspector.
- 1.4 Watercourse means an open channel, natural or artificial with clearly defined banks, in which a flow of water occurs either continuously or intermittently that is used to drain land.

Section 2 - PERMITS

- 2.1 (a) Except as provided in subsection (b) hereof, no connection shall be made with any sewer and no construction, re-construction, replacement or alteration, extension or disconnection of any plumbing or drain system, or any part thereof shall be commenced until a permit authorizing such work has been obtained.

(b) No permit shall be required for the repair of the working parts of a faucet or valve, the clearance of stoppages, repairing of leaks or replacement of defective faucets or valves, provided no changes are made in the piping to the said fixture.

(c) The provisions of the Corporation's Building and Zoning By-law respecting Building Permits and their issuance shall be complied with before any permit is issued to install plumbing or drainage work.

(d) Where plumbing has been constructed, repaired, renewed or altered, the plumbing shall not be put into use until it has been inspected and found to conform to Regulation 647 of the Ontario Water Resources Act.

2.2 Application for Permits:

Application for permits shall be addressed to the Building and Zoning Co-Ordinator and shall be made by the Plumbing or Drain Contractor on a form provided by the Corporation, and shall be accompanied by the required fee in accordance with Schedule "A" of Fees prescribed by this By-law.

2.3 Duration of Permits:

A permit shall be valid for six months and shall be renewable for further or additional periods of six months each subject to compliance with the Provincial regulations in effect at the time of renewal.

2.4 Plans and Specifications:

(a) Every application for a permit shall be accompanied by a specification or abstract of the proposed work, and for the installation of drains, by a plan showing the location and size of the building drain, and any traps or inspection pieces thereon, and for a commercial or industrial building, a blue print showing all proposed drains, connections, sizes and layouts.

(b) After a plumbing and/or drain permit has been issued, no departure shall be made from the plan or description submitted with the application for such permit, without the written permission of the Senior Plumbing Official.

2.5 Responsibility:

Neither the granting of a permit, nor the approval of the plans and specifications, nor inspections made by the Plumbing Inspector shall in any way relieve the plumbing or drain contractor from full responsibility of carrying out the work authorized thereby in strict accordance with the provisions of this By-law.

Section 3 - SEWER & DRAINS

3.1 Sewers and Drains on Private Property

Unless otherwise approved by the Senior Plumbing Official no sewer shall pass under any residential building other than the building it serves, and the entire drainage system of every building or premises, shall be separate from and independent of that of every other building or premises and shall have an independent connection with a public sewer or place of disposal.

3.2 Separate Systems

The sanitary and storm drainage systems of a building or other structure shall be entirely separate.

3.3 Special cases, such as a terraced lot or a semi-detached building and/or multiple attached dwellings shall be referred to the Senior Plumbing Official who shall decide whether a separate system shall be installed or otherwise.

3.4 Where one building is separated from and located to the rear of another building on an interior lot and no other sewer connection is available, the consent of the Senior Plumbing Official shall be obtained to extend the drainage system of the building at the front to the rear building, and the whole considered as one building drain.

3.5 Where any sewer must cross another property, a copy of a registered easement must be attached to the drainage permit before any work is started or pipe installed.

3.6 Old building sewers may be used in connection with new buildings only when they are found, on examination and test

3.6 - Cont'd

by the Plumbing Inspector, to conform in all respect with this By-law.

3.7 No sanitary drain shall be laid between the wall of the building and street line until:

(a) The connection from the Regional sewer to the street line has been laid and approved for use by the Regional Engineering Department.

(b) The building has been roofed and backfilled around the foundation. Backfill to be brought to or above existing or finished grades.

(c) The basement (if any) shall be free from all ice and/or water.

3.8 Status of Change of Location:

A change of location of a building shall be considered a re-erection of such building, and the plumbing system therein shall be subject to the provisions of this By-law and Provincial Regulations respecting Plumbing.

3.9 Right of Entry:

Every part of any drain, sewer or rain-water-leader shall be subject to inspection by the Building and Zoning Co-Ordinator and/or his authorized representative, who shall have the right of entry at any reasonable time to any building within this Municipality for the purpose of making inspections, re-inspections or otherwise performing such duties as may be deemed necessary to ensure compliance with the provisions of this By-law.

Section 4 - STORM DRAIN CONNECTIONS

4.1 All foundation tile, subsurface drainage, tile, catch basins and rain water leaders shall discharge into a storm drain and shall not be connected to the sanitary drain.

- 4.2 A rainwater downspout outside a building may be sheet metal.
- 4.3 There shall be one rainwater downspout provided for each 50 lineal feet of gutter pipe graded to the downspout, and provided further that the downspouts shall be located around the perimeter at each 100 lineal foot interval or portion thereof..
- 4.4 Where an outside downspout is of sheet metal and connected with a storm sewer, it shall be connected by a pipe of the same material as that of the storm sewer. The sheet metal leader shall not extend below grade level.
- 4.5 The run-off from a roof or from a paved area in excess of 20% of the lot area, shall be drained into a storm sewer system or natural outlet, where such is available.
- 4.6 A rainwater downspout shall not be connected to a sub-soil drain.
- 4.7 Any device or arrangement that restricts the amount of rain water run-off from a given area from entering the drainage system at a roof hopper shall be permitted, with a corresponding reduction in drain size, providing arrangements are made satisfactory to the Senior Plumbing Official for containing the run-off during the period of discharge to the drainage system.

4.8 Size of Horizontal Storm Drains

Except as provided in Section 4.7, the size of a horizontal storm drain shall be determined in accordance with the following table which is based on the formula shown (Kutters Formula).

$$Q = A \times I \times R$$

where Q = run-off expressed in cubic feet per second

R - percentage run-off from impervious surfaces

I = Intensity of rainfall (3.5" per hour)

A = Total area in acres

<u>DRAIN SIZE</u>	<u>GRADE</u>	<u>AREA TO BE DRAINED IN SQUARE FEET</u>
3"	1/8" per ft.	600
3"	1/4" per ft.	850
4"	1/8" per ft.	2,100
4"	1/4" per ft.	2,900
4"	1/2" per ft.	4,300
6"	1/8" per ft.	6,400
6"	1/4" per ft.	9,400
6"	1/2" per ft.	12,800
8"	1/8" per ft.	14,600
8"	1/4" per ft.	21,000
8"	1/2" per ft.	29,500
10"	1/8" per ft.	27,800
10"	1/4" per ft.	38,500
10"	1/2" per ft.	55,500
12"	1/8" per ft.	46,000
12"	1/4" per ft.	64,000
12"	1/2" per ft.	90,000

Table 1 SIZE OF VERTICAL RAIN-WATER LEADERS

<u>Item No.</u>	<u>Diameter of leader or conductor in Inches - *See Foot-note</u>	<u>Maximum projected roof area (square feet)</u>
1.	2 -----	720
2.	2-1/2 -----	1,300
3.	3 -----	2,200
4.	4 -----	4,600
5.	5 -----	8,650
6.	6 -----	13,500
7.	8 -----	29,000

\*NOTE: The equivalent diameter of a square or rectangular leader may be taken as the diameter of that circle which may be inscribed within the cross-section area of the leader.

Section 5 - POWER OF THE BUILDING AND ZONING CO-ORDINATOR

5.1 The Building and Zoning Co-Ordinator and/or his representative may, in his discretion, defer issuing a permit or permits to any person who:

(a) has failed to pay any fee previously due and owing to the Corporation for a period of more than Thirty (30) days, or

(b) In respect of work previously done, has failed to remedy defects in any drainage work or installation, after having been notified by the Plumbing Inspector that the defects exist, until the fees have been paid, or the defects have been remedied.

Section 6 - VALIDITY

6.1 The invalidity of any section, clause, sentence or provisions of this By-law shall not affect the validity of any other part of this By-law which can be given effect without such invalid part or parts.

Section 7 - PENALTIES

7.1 Every person who contravenes any provision of this By-law commits an offence and upon conviction therefor shall be liable to a fine not exceeding \$1,000.00 exclusive of costs, and every such penalty shall be recoverable under the Summary Convictions Act.

Section 8 - REPEAL OF BY-LAWS

8.1 The following By-laws of the former Corporation of The Township of Chinguacousy insofar as they apply to any area now within the City of Brampton are repealed:

94-72,  
265-73.

The following By-laws of the former Corporation of The Township of Toronto-Gore insofar as they apply to any area now within the City of Brampton are repealed:

1044.

The following By-laws of the former Corporation of The Township of Mississauga insofar as they apply to any area now within the City of Brampton are repealed:

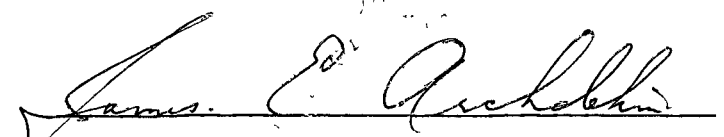
6538, '  
7667,  
7341.

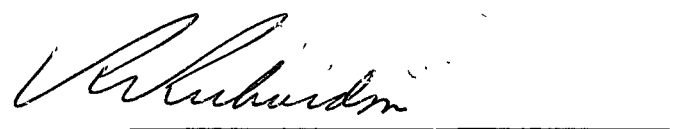
The following By-laws of the former Corporation of The Town of Brampton are hereby repealed:

1754 and  
1755 as amended by  
1923 and  
2538.

This By-law shall be in full force and effect from and after its passage, approval and recording as provided by law.

ENACTED and PASSED this 11th day of February, 1974.

  
\_\_\_\_\_  
Mayor

  
\_\_\_\_\_  
Clerk

SCHEDULE "A"

TO

BY-LAW NUMBER 16-74

PERMIT FEES

1. (a) Detached or semi-detached Residential \$6.00 plus \$2.00 for each fixture.
  - (b) Duplex, Double Duplex, Triplex, Multiple Horizontal Dwelling, Apartment Building, Row Dwelling, Motel, Hotel - \$6.00 for the first suite plus \$5.00 for each additional suite, plus \$2.00 for each fixture.
  - (c) Store, Combined Store and Living Quarters, Office Building, Medical Office Building, Nursing Home, Rest Homes, Home for the Aged - \$6.00 for each individual store, plus \$5.00 for each self-contained suite plus \$2.00 for each fixture.
  - (d) Industrial Buildings - \$8.00 for the first stack plus \$5.00 for each additional stack thereto plus \$2.00 for each fixture.
  - (e) Any other type of building not specifically provided for in any of the foregoing - \$8.00 for the first stack plus \$5.00 for each additional stack plus \$2.00 for each fixture.
  - (f) Roof Hoppers and Roof Drains \$2.00 each
  - (g) Water Heaters \$3.00 each unit
  - (h) Water Service \$5.00
  - (i) Water Softeners (Conditioners) \$4.00
  - (j) Grease-Oil Interceptors \$2.00
  - (k) Renewal of Permits \$5.00
  - (l) Changing from Septic Tank to Municipal Sewer Connection \$5.00
  - (m) Additional or special inspections \$5.00
2. No Drainage Permit for Storm or Sanitary Sewers shall be issued until the following minimum fees have been paid:-
- (a) \$1.25 per inch inside diameter of pipe for each 100 feet or part thereof to be calculated from the street line or place of disposal to the furthest point
  - (b) Additional or special inspections - \$5.00
  - (c) Continuous inspections - \$10.00 per hour
  - (d) Drain alterations up to 10 feet in length - \$3.00
  - (e) Drain alterations over 10 feet in length - Fee as stated in clause (a) of this Sub-section 2.