

CITY OF PRINCE GEORGEBY-LAW NO. 2656

A By-Law of the City of Prince George to regulate the extension of and connection to the storm sewer system of the City.

WHEREAS the City has constructed and is operating and maintaining drainage works for the impounding, conveying, and discharging of surface and other water separate and apart from the sanitary sewer system of the City;

AND WHEREAS Section 531 provides that the Council may by By-Law regulate the design and installation of drainage work and require owners of real property to connect their buildings and structures to appropriate drain connections and makes applicable Section 564, 570 of the "Municipal Act";

AND WHEREAS Section 564 of the Municipal Act provides for the collection of charges and rates for drainage systems;

AND WHEREAS Section 570 of the Municipal Act provides that the Council may by By-Law with approval of the Lieutenant-Governor-in-Council establish the conditions under which the City may extend its drainage system;

AND WHEREAS the purpose of the municipal storm sewer system is to provide surface drainage for the lands occupied by the public road system, and if sufficient capacity exists in the storm sewerage system to drain additional lands other than the public roads, extensions of the system and service connections to private property may be permitted and constructed as provided in this By-Law;

NOW THEREFORE the Municipal Council of the City of Prince George, in open meeting assembled enacts as follows:

- DEFINITION ...
1. In this By-Law unless the context otherwise requires:
 - "applicant" means an owner or his agent making application for storm sewer connection;
 - "building drain" means a pipe, including manholes, catch basins, interceptors, and inspection chambers laid on private property connecting a service connection with a drainage facility on such private property;
 - "Building Inspector" means the Building Inspector of the City or his deputy authorized by him;
 - "City" means the City of Prince George;
 - "collector" means the collector for the City;
 - "Engineer" means the Engineer of the City or his deputy authorized by him;

"owner" has the same meaning as that assigned by Section 2 of the Municipal Act;

"person" means and shall include not only an actual person but also a corporation, firm or partnership;

"service connection" means the pipe which may include an inspection chamber or cleanout connecting a storm sewer to the drainage system constructed upon private property.

USE OF STORM
SEWER SYSTEM

2.1 Illegal Connections

No person shall connect or attempt to connect, or allow to be connected or allow to remain connected to the storm sewer system any property or premises otherwise than in accordance with the provisions of this By-Law.

2.2 Connection Application

Each application for a connection to a storm sewer shall be made through the Engineer by the owner or his authorized agent in the form prescribed by Schedule "A" attached to and forming part of this By-Law. The application shall be accompanied by a drainage plan for the areas to be drained by the building sewer. If such connection is practicable the Engineer will, within sixty days, supply to the applicant a statement setting out the cost of a connection to the storm sewer as hereinafter provided:

- a) If a storm sewer main has been installed in the street abutting the applicant's property by the City and if sufficient capacity exists in the system the Engineer shall so inform the applicant and the applicant shall pay to the collector the connection fee as set out in this By-Law;
- b) in the event that the storm sewer system must be extended or altered to accommodate the private connection applied for, the Engineer shall advise the applicant of the total cost of such extension or alteration including the restoration of any surface works and installation of the connection to property line and the total cost as advised shall be the connection fee to the applicant and the applicant shall pay the same to the collector.

2.3 Connections

Upon receipt of the connection fee, the Engineer will, within ninety days, weather permitting, provide and install a service connection to the applicant's property. If such connection is not practicable the Engineer will so notify the applicant within sixty days and the City shall refund charges or fees paid to the City by the applicant.

2.4 Individual Connections

Each property shall have its own service connection which shall be installed by the City.

2.5 Connection Location

Where possible the service connection will be located at the location requested by the applicant. In the event the applicant's preferred location is not practicable due to the existence of installed surface improvements or is in conflict with installed underground utilities, the Engineer shall designate the location of such service connection to each parcel of land or premises.

2.6 Tampering with Storm Sewer System

No person shall make any connection whatsoever to the storm sewer or in any way tamper with the storm sewer without first obtaining written permission from the Engineer.

No person shall discharge, deposit or throw or cause, allow or permit to be discharged, deposited or thrown into any drain, manhole, inspection chamber or any other part of the storm sewer system any substance of any kind whatsoever tending to obstruct or injure the storm sewer, or to cause any nuisance which will in any manner interfere with the proper functioning, maintenance or repair of the said storm sewer.

No person shall maliciously, wilfully or negligently break, damage, destroy, uncover, deface, mar or tamper with any storm sewer or any of the appurtenances thereto or thereunto belonging.

2.7 No Discharge to Storm Sewer

No person shall discharge or cause or allow to be discharged into the storm sewer system any of the following:

- a) any sewerage containing human waste;
- b) any industrial waste other than uncontaminated cooling water or car wash water;

- c) any liquid having a temperature at or higher than 140 degrees fahrenheit;
- d) any vapour or gaseous substance;
- e) any waters or wastes which contain fats, oil or grease;
- f) any noxious or malodourous substance;
- g) any sewerage, waters or waste containing a toxic or poisonous substance;
- h) any gasoline, benzine, naphtha, solvent, fuel oil or other flammable or explosive liquids, solids or gas;
- i) any radioactive wastes or sewage;
- j) any garbage whether ground or otherwise;
- k) any ashes, cinders, sand, mud, straw, shavings, metal, glass, rags, feathers, tar, coal tar, asphalt, cement, plastics, wood, paunch manure or any other solids or fiscous substance;
- l) any waters containing more than 500 parts per million by weight of suspended solids;
- m) any sludge or deposit contained in septic tanks or removed from septic tanks.

2.8 Disconnecting Illegal Connections

Any building or drain connected to a storm sewer service connection without a permit therefore, pursuant to this By-Law and any service connection connected to the storm sewer system and discharging therein any substance or matter prohibited by this By-Law, may be disconnected, stopped up and closed at the direction of the Engineer and at the owner's cost.

2.9 Interceptors

Grease, oil and sand interceptors shall be provided on private property for all garages, gasoline service stations and vehicle and equipment washing establishments that drain their buildings or properties into a storm sewer. Interceptors will be required for other types of industries or commercial establishments when they are necessary for the proper handling of liquid waste containing grease or any flammable waste, sand, grit or other harmful ingredie except that such interceptors shall not be required if specifically exempted by permit issued by the Engineer. Such interceptors shall be so located as to be readily and easily accessable for cleaning and inspection. All

interceptors shall be maintained by the owner at his expense in continuously efficient operation at all times.

2.10 Sampling Chambers

The owner of each industrial enterprise or premise connected to the storm sewer system shall provide suitable means of inspection to facilitate operation, sampling and measurement of the waste waters draining into the storm sewer system.

2.11 Measurement and Testing

All measurements, tests and analysis of the characteristics of water flowing into the storm sewer system shall be determined in accordance with the "standard method of the examination of water and sewage" of the American Public Health Association and shall be determined at the sampling point. In the event that no special sampling chamber has been required, the control manhole shall be considered to be the nearest downstream manhole in this storm sewer from the service connection point.

3.1 Extension Applications

All applications for storm sewer extension shall be made in writing to the Engineer by the owner or owners of the property to be served by such extension.

3.2 Extension by Council Resolution

The Council of the City may designate storm sewer system extensions for any budget planning unit covering one or more years and such designated extensions shall be included in a construction By-Law.

3.3 Extensions Other Than By Council Resolution

In the event an applicant wishes to proceed with a storm sewer system extension which has not been designated by Council, the City Engineer may, with the approval of Council, proceed with the extension provided that the applicant shall pay to the City in advance the total cost of construction as estimated by the Engineer. The final cost to the applicant of the storm sewer system extension shall be the actual cost to the City of construction of the same. The service connection costs for parcels of land owned by the applicant to be served by such extensions shall be as set out in Schedule "B" to this By-Law and shall be added to such construction costs. In the event the sewer extended above serves property for which no application for extension has been received up to the completion of construction of the extension, such property shall not be connected to the

STORM SEWER
SYSTEM
EXTENSIONS

storm sewer extension for a period of five years from the date of construction unless the applicant shall pay to the City the service connection fee as set out in Schedule "B" together with a sum equal to the total cost of construction of the storm sewer extension divided by the total square footage of property of the original applicant for extension plus the total square footage of the property of the property of the current applicant. The sum so obtained by the City exclusive of the service connection fee shall be paid by the City to the original applicant for the storm sewer extension less a City management fee of 10% thereof.

3.4 Extension Limits

Where a storm sewer main is extended by other than Council Resolution, the minimum inside diameter shall be ten inches and shall extend from the most convenient existing storm sewer having sufficient surface capacity and grade to carry the additional water flow resulting from the said extension to a point opposite the furthest boundary of the last parcel of land to be served by the storm sewer extension.

3.5 Costs Shareable for Oversized Extensions

Where any storm sewer is extended other than by Council Resolution and where the City may desire to install a facility of greater capacity than is required to provide service to the applicant for the storm sewer and all of the lands requiring drainage to storm sewer between the land of the applicant and the existing storm sewer system, and if such excess capacity will be available to permit further extensions beyond the boundaries of the land of the applicant the City shall pay the difference in cost of installation between the actual cost of storm sewer installation with the excess capacity and the estimated cost of a ten inch storm sewer. This is provided, however, that the funds required therefore are available and have been allocated specifically for storm sewer construction in the current annual budget of the City. This cost sharing formula does not apply in the event the extension is required for property subdivision purposes.

4.1 Connection Fee

The owner or his agent shall on making application for a service connection to a storm sewer pay to the City the applicable connection fee prescribed in Schedule "B" attached to and forming part of this By-Law.

CHARGES FOR SERVICE

4.2 Collection of Outstanding Fees

For the purposes of collecting any fees that remain outstanding the provisions of Section 564 of the Municipal Act apply.

4.3 Installation of Building Drains

- a) The minimum diameter of every building drain shall be four inches.
- b) All building drains shall be installed by and at the cost of the owner of the property and shall be constructed of one of the following materials;
 - i) concrete or vitrified clay tile drainage pipe;
 - ii) asbestos cement pipe of approved manufacture;
 - iii) galvanized corrugated iron culvert pipe with coupling;
 - iv) such other materials as the Engineer may approve.
- c) the building drain shall be laid to an even slope of not less than 1/4 inch to the foot in the direction of the flow in the case of four inch lines, and not less than 1/8 inch to the foot in the case of six inch lines or larger.
- d) the pipe shall be laid not less than 24 inches below the finish surface of the ground, as measured to the top of the pipe;
- e) the pipe shall be laid concentric to each adjacent pipe and the joints shall be flush, even and free of any internal obstruction;
- f) where couplings are provided by the manufacturer the couplings shall be installed in accordance with the manufacturer's specifications;
- g) bell and spigot pipe shall be laid with the spigot end facing in the direction of the flow;
- h) where the building drain is laid over filled ground or in ground which may be subject to settling, the Engineer may require that this soil be compacted or that special bedding preparations be carried out;

- i) at every change in direction the owner shall install a long swept bend whose radius shall be at least 36 inches;
- j) excavation for building drain trenches shall have a uniform grade at the bottom. Each length of pipe shall be given a solid, even bearing using sand or concrete if necessary, and the soil on each side of the pipe shall be well compacted.
- k) where the building drain is laid near any shrub or tree whose roots may penetrate the pipe joints the Engineer may require that special jointing materials be used;
- l) when the owner has completed the installation of his building drain but before the same has been backfilled he shall inform the Building Inspector that the installation is complete and the Building Inspector shall forthwith make an inspection of the work. The backfilling of the trench shall not be commenced until the Building Inspector has signified in writing that he is satisfied that the materials and workmanship employed are to his satisfaction and that the pertinent sections of this By-Law have been adhered to;
- m) materials and workmanship which are in the opinion of the building Inspector defective or otherwise not in accordance with the provisions of this By-Law shall be removed and replaced by the owner at the direction of the Building Inspector and the building drain shall not be backfilled unless and until the said building drain has been accepted and approved by the Building Inspector.

INSPECTION

5.1 Right of Entry

The Engineer or City Works Superintendent or any City Foreman, building or plumbing inspector or By-Law Enforcement Officer may enter at all reasonable times upon any property subject to the regulations of this By-Law in order to ascertain whether such regulations or directions are being obeyed.

PENALTIES

6.1 Any person who violates any of the provisions of this By-Law shall upon summary conviction therefore be liable to a fine not exceeding the sum of FIVE HUNDRED DOLLARS (\$500.00) together with costs of each offence.

7. This By-Law shall come into full force and effect upon final passage and adoption.

8. This By-Law may be cited for all purposes as "Storm Sewer By-Law No. 2656, 1974."

READ A FIRST TIME THIS THE 15th DAY OF October, 1974.

READ A SECOND TIME THIS THE 15th DAY OF October, 1974.

READ A THIRD TIME THIS THE 15th DAY OF October, 1974.

ALL THREE READINGS PASSED BY A Unanimous DECISION OF ALL MEMBERS OF CITY COUNCIL.

I hereby certify that the foregoing is a true copy of the original By-Law as passed by a Unanimous decision of the Municipal Council of the City of Prince George by three readings of the same outlined above.

[Handwritten Signature]

CLERK OF THE CITY OF PRINCE GEORGE

~~PART 3: EXTENSIONS received the approval of the Lieutenant-Governor in Council on the _____ day of _____, 1974.~~

RECONSIDERED, FINALLY PASSED AND ADOPTED BY A Unanimous DECISION OF ALL MEMBERS OF COUNCIL THIS THE 21st DAY OF October, 1974, PRESENT AND ELIGIBLE TO VOTE.

[Handwritten Signature]

MAYOR

[Handwritten Signature]

CLERK

I hereby certify that the foregoing is a true copy of the original By-Law as passed by the Municipal Council of the City of Prince George and sealed with the Seal of the Corporation and dated the 22nd day of October, 1974.

[Handwritten Signature]

CLERK OF THE CITY OF PRINCE GEORGE

SCHEDULE "B"

1. Pursuant to Section 4.1 the normal service connection fee in frost free ground shall be as follows:

a) connection size	4 inches	\$270.00
	6 inches	300.00
	8 inches	350.00
	10 inches	400.00

b) Where curb and gutter has been installed on the street prior to the sewer connection application being received, the extra cost of connection over and above the connection fee shall be \$150.00 to cover repairs to the curb, gutter and pavement.

c) Where a concrete sidewalk exists prior to the sewer connection application being received, the extra cost of connection over and above the connection fee above shall be:

4 feet, 6 inch width	\$60.00
6 feet, 6 inch width	100.00

to cover repairs to the sidewalk.

d) Where two or more utility service connections are installed in one trench with a distance of separation in either the vertical or horizontal directions not exceeding one foot, a reduction of 20% of the connection fees listed above shall apply.

II. Winter Surcharge

All applications for service connections received from November 1st to November 30th shall be liable to a surcharge of \$100.00. All applications for service connections received from December 1st to April 15th shall be liable to a surcharge of \$200.00. Only one surcharge per trench shall be levied regardless of the number of utility services in the trench.

BB
2656.

In lieu of Schedule "A" to By-Laws No. 2702, (Water By-Law), No. 2704 (Sanitary Sewer By-Law) and No. 2656 (Storm Sewer By-Law), the attached is the Application Form currently in use by the City of Prince George.

July 14th, 1983

CITY OF PRINCE GEORGE

CONNECTION APPLICATION

NAME: _____

ADDRESS: _____

TELEPHONE NUMBER: _____

NAME OF SUBDIVISION: _____

LEGAL DESCRIPTION:

LOT NO: _____ DISTRICT LOT _____ PLAN _____

SIGNATURE: _____

DATE: _____

SKETCH YOUR LOT

PLEASE INDICATE IN REFERENCE TO PROPERTY LINE

- 1) Location of Building
- 2) Preferred Location of Water, Sewer or Storm Connection
- 3) Sketch Road and indicate Name of Road, Lot Address



PLEASE INSTALL A STAKE OR MARKER ON YOUR PROPERTY LINE TO IDENTIFY YOUR PREFERRED CONNECTION LOCATION.

FROST CHARGE (Winter Surcharge) - All applications for service connections received from November 1st to April 15th shall pay the actual cost of the connection. The Engineer shall estimate the cost of the connection which fee must be paid to the Collector prior to the installation of the connection. Any adjustment, if necessary, will be made after installation of the connection and any amount due shall be paid by the owner within thirty (30) days of the invoice.

CITY OF PRINCE GEORGE * SERVICE CONNECTION APPLICATION INFORMATION

NAME: _____

ADDRESS: _____

LEGAL DESCRIPTION: LOT _____ BLOCK _____ DISTRICT LOT _____ PLAN _____

SPECIFIED AREA: YES _____ NO _____

A. EXISTING SERVICES TO LOT

	<u>MAINS</u>		<u>CONNECTIONS</u>	
	Record Plan	Size	Connection No.	Size
WATER				
SANITARY				
STORM				

B. SERVICES REQUESTED

1. Main Extensions (Refer to Design Eng. Detail Est.)

WATER	\$
SANITARY	\$
STORM	\$
TOTAL COST EXTENSIONS	_____

2. Service Connections

	SIZE	STD. FEE	COMMON TRENCH FEE
WATER			
SANITARY			
STORM			

SUB-TOTAL

STREET IMPROVEMENT REPAIR

CURE, GUTTER AND PAVEMENT _____ TRENCH(ES) _____
 CONCRETE SIDEWALK _____
 PAVEMENT ONLY - Water _____ Sanitary _____ Storm _____
 TOTAL CONNECTION FEE \$ _____

COMMENTS:

DATE _____ ENGINEERING/RECORDS _____

- NOTE:
1. Service connection application to be initiated with Building Inspector to determine size required at time of Building Permit Application
 2. Applicant to be referred to Engineering Records, 3rd floor for completion of this form.
 3. Applicant returns this form to Building Inspection Office, makes payment and completes Building Permit Application.