

THE CORPORATION OF THE TOWN OF GANANOQUE

BY-LAW NO. 2005-04

A By-law Respecting Sewage Works

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□ PREAMBLE OF BY-LAW

WHEREAS The Public Utilities Act, R.S.O. 1990, Chapter P.52, The Municipal Act, R.S.O. 2001, Chapter M.45, and the Ontario Water Resources Act R.S.O. 1990, Chapter O.40 authorize Council to pass by-laws to acquire, establish, construct, operate, maintain and regulate sewage works and systems and parts thereof, and to require connections thereto;

AND WHEREAS the Corporation of the Town of Gananoque owns the Sewage Works, and those sewage works are operated and maintained by or for the Town of Gananoque.

AND WHEREAS Section 398(2) of the Municipal Act, 2001 authorizes the treasurer of a local municipality to add fees and charges imposed by the municipality to collect them in the same manner as municipal taxes;

AND WHEREAS it is deemed desirable and expedient to pass a by-law respecting those sewage works owned and operated by or for the Town of Gananoque to ensure that sewage services continue to be available to those persons served by the works.

NOW THEREFORE the Corporation of the Town of Gananoque hereby enacts as follows:

1 Definitions

- 1.1. "Applicant" shall mean a land or property owner or agent acting on behalf of a land or property owner.
- 1.2. "Consumer" shall mean anyone who receives from the Council any public utility and shall also include any person who has applied for such utility and to whom the Council is prepared to furnish same whether he uses same or not
- 1.3. "Town of Gananoque" shall mean The Corporation of the Town of Gananoque;
- 1.4. "Council" shall mean the Council of the Corporation of the Town of Gananoque;
- 1.5. "Clerk" shall mean the Clerk of the Corporation of the Town of Gananoque;
- 1.6. "Treasurer" shall mean the Treasurer of the Corporation of the Town of Gananoque;
- 1.7. "Director of Public Works/Recreation" shall mean the Director of Public Works/Recreation of Public Works/Recreation for the Corporation of the Town of Gananoque;
- 1.8. "Inspector" shall mean a person defined or authorized by the Town of Gananoque to carry out the observations and inspection and to take samples prescribed by this by-law;
- 1.9. "Sewage Works" shall mean all facilities for collecting, pumping, treating and disposing of sewage now or in the future owned and operated by or for the Town of Gananoque;
- 1.10. "Public Sewer Mains (Trunk) Service" shall mean that section of the sewer considered to be the main (trunk) sewer and in which all owners of abutting properties have equal rights and is owned and operated by or on behalf of the Town of Gananoque;
- 1.11. "Sewer (Lateral) Service" shall mean that part of the drainage piping outside a building or structure, that connects a building drain to the "Public Sewer Mains (Trunk) Service";
- 1.12. "Sewer Service Permit" is a permit required for sewer services and connections to "Public Sewer Main (Trunk) Service" including upgrades to an existing "Sewer (Lateral) Service", if changing size and/or location is required by the owner.

2 Authority

- 2.1 Council shall be the authority responsible for the operation of the sewage works, including the setting of rates, the engaging of employees, the payment of accounts and all other things necessary for the successful operation of the sewage works.

3 Sewer Areas

- 3.1 The Gananoque "Public Sewer Main (Trunk) Service" areas are more particularly described in Schedule "B" hereto.

- 3.2 Notwithstanding clause 3.1, this by-law shall apply to all owners and occupants of lands connected to any sewage works owned and operated by or for the Town of Gananoque.

4. Ownership of Sewer Services

- 4.1 The Town of Gananoque possesses ownership of the “Sewer (Lateral) Service” from the “Public Sewer Main (Trunk) Service” to the lot line.
- 4.2 The owner possesses ownership of the “Sewer (Lateral) Service” from the lot line to the internal connection within the structure being served by the sewer service.

5. Maintenance Responsibility

- 5.1 The owner is responsible for the costs associated with the maintenance/replacement of the “Sewer (Lateral) Service” from the “Public Sewer Mains (Trunk) Service” to the internal connection within the structure being served by the sewer service.

6. Requirement to Extend “Public Sewer Mains (Trunk) Services”

- 6.1 An owner (applicant) requiring a sewer service, where a “Public Sewer Main (Trunk) Service” does not front on the owner’s property, is responsible for the full cost of installing the trunk sewer main from the existing “Public Sewer Main (Trunk) Service” so designated by the Director of Public Works/Recreation to the point midway along the frontage of the applicant’s property.
- 6.2 The Sewer Hook-up Fee assigned to pay a reasonable share of the capital costs related to the installation of the “Public Sewer Water Mains (Trunk) Service”, shall be paid by the owner prior to the issuance of the “Sewer Service Permit”.
- 6.3 The specifications for the work must be approved by the Director of Public Works/Recreation or his/her designate and such work is to be undertaken by the Utility Department under the supervision of the Director of Public Works/Recreation, or his/her designate.
- 6.4 Sewer services will not be permitted by the Town of Gananoque until all costs related to the extension of the “Public Sewer Main (Trunk) Service” are paid in full by the owner. If there is a default in the payment of aforementioned costs, the owner is ultimately responsible for the payment of such outstanding debt and that such debt can be added as an outstanding tax expense.
- 6.5 All requirements pertaining to the following Sections are additional responsibilities of the applicant (owner).

7 Requirement to Connect

- 7.1 Any owner or occupant of every lot or parcel of land which is built upon that derives an immediate benefit from the construction of a “Public Sewer Main (Trunk) Service” along the street abutting such lot or parcel of land shall, within six months of notice from the municipality, connect the lot or parcel of land to the “Public Sewer Main (Trunk) Service” at the owner’s expense.
- 7.2 The Sewer Hook-up Fee shall be paid by the owner or occupant prior to the issuance of the “Sewer Service Permit”. The Sewer Hook-up Fee shall be established by By-law of the Council of the Town of Gananoque

- 7.3 The Owner shall pay all costs for constructing “Sewer (Lateral) Service” and connections to the “Public Sewer Mains (Trunk) Service” and such work shall be done in accordance with the provisions of this by-law.
- 7.4 No septic tank system or other similar system shall be left in operation after the connection is made to the municipal sewer system.
- 7.5 It is recognized that those presently on septic systems are not required to hook-up to the Town of Gananoque’s sewer system (grandfather clause). However, a property owner, who is presently on a septic system and decides to apply to hook-up to the Town of Gananoque’s sewer system, is responsible for the payment of the Sewer Hook-up Fee as his/her share of the cost of the “Sewer Works”, including the installation of the “Public Sewer Main (Trunk) Service”.

8 Application for “Sewer (Lateral) Services”

- 8.1 Owners of lots not presently serviced with sewer and water connections must apply in writing to the Director of Public Works/Recreation to obtain instructions and permission to install such services.
- 8.2 “Sewer (Lateral) Services” will not be permitted to be installed if the property to be developed is not a lot of record (it is a property with an existing “Sewer (Lateral) Service” and has not gained a separate severance [consent]) and/or the property does not have a zoning designation permitting development of the property.
- 8.3 An application for the connection to the “Public Sewer Mains (Trunk) Service” shall be made on a form to be furnished by the Town of Gananoque. All applicable fees as detailed on the form must be paid upon application.
- 8.4 In the event the actual cost of the installation of such “Sewer Lateral Service” and/or connection to the “Public Sewer Mains (Trunk) Service” exceed the amount prepaid to the Town of Gananoque, the person applying for such installation shall forthwith, after the completion of such installation, pay the Town of Gananoque the balance of such cost. The prepayment amount shall be calculated as 50% of the estimated cost of the project.
- 8.5 The Sewer Hook-up Fee assigned to pay a reasonable share of the capital costs related to the installation of the “Public Sewer Mains (Trunk) Service”, Waste Water Treatment, Pumping Stations, etc., shall be paid by the owner or occupant prior to the issuance of the “Sewer Service Permit”. The Sewer Hook-up Fee shall be established by By-law of the Council of the Town of Gananoque.
- 8.6 The owner of the land shall pay all costs of constructing the “Public Sewer Mains (Trunk) Service” and the connection to the “Public Sewer Mains (Trunk) Service”.
- 8.7 A “Sewer Service Permit” for “Sewer (Lateral) Service” and connection to the “Public Sewer Main (Trunk) Service” shall be secured from the Director of Public Works/Recreation, or his/her designate, before any work is undertaken and all work shall be carried out strictly in accordance with such terms and conditions as may be set out in the “Sewer Service Permit”, including the payment of the “Sewer Service Permit” applicable fee.
- 8.8 The non-refundable fee for this “Sewer Service Permit” shall be set from time to time by resolution of Council.

- 8.9 The applicant shall be responsible for any costs associated with inspections and services by Town of Gananoque employees.

9 Laying “Sewer Lateral Service” Pipes

- 9.1 The Owner shall pay on demand all construction costs for laying “Sewer Lateral Service” pipe from the “Public Sewer Main (Trunk) Service”, for materials and connections to the “Public Sewer Main (Trunk) Service” and for all other expenses necessary or incurred to serve an applicant or property, and if not so paid, may be collected in the same manner as sewage service rates. If there is a default in the payment of aforementioned costs, the owner is ultimately responsible for the payment of such outstanding debt and that such debt can be added as an outstanding tax expense.
- 9.2 All new “Sewer (Lateral) Service” and drains and replacements in whole or in part, shall be constructed with pipe approved by the Director of Public Works/Recreation in such manner, size and grade and with such strainers, traps, shutoffs, bends or other appurtenances as the Director of Public Works/Recreation shall require in accordance with the Town of Gananoque Standards and no such “Sewer (Lateral) Service” shall under any circumstances be closed or backfilled until examined, tested and approved in writing by the Director of Public Works/Recreation. Testing where required shall be at the expense of the “Sewer Service Permit” applicant.
- 9.3 The applicant for the “Sewer Service Permit” shall give a 48 hours notice to the Inspector when the building sewer is ready for inspection and connection to the “Public Sewer Main (Trunk) Service”.
- 9.4 All plumbing and pipework on private property shall be installed in accordance with the Ontario Building Code Act, Part 7 (Plumbing), applicable Ontario Provincial Standard Specifications, and Town of Gananoque Standards.
- 9.5 All excavations for building sewer installations shall be adequately guarded with barricades and lights so as to protect the public from hazard. Streets, sidewalks, parkways and other public property disturbed in the course of the work shall be restored in a manner satisfactory to the Town of Gananoque.
- 9.6 Bedding and backfilling of pipes and drains shall be in accordance with standards established by the Director of Public Works/Recreation. (See details on the Application Form)
- 9.7 No person shall damage or injure any “Sewer (Lateral) Service” connecting with any “Public Sewer Main (Trunk) Service”.
- 9.8 All “Sewer (Lateral) Service” shall be laid and constructed by workmen approved of by the Director of Public Works/Recreation, or his/her designate.
- 9.9 The Director of Public Works/Recreation or his/her designate, shall, from time to time, during the progress of the laying and construction of all “Sewer (Lateral) Service”, inspect the same and may revoke the “Sewer Service Permit” and order the work or construction to be stopped if the work done or the material used is not as required by the Director of Public Works/Recreation and/or by this by-law.

10 Maintenance of “Sewer (Lateral) Service” Pipe(s) on Town of Gananoque Property

- 10.1 Because the “Sewer (Lateral) Service” pipe(s) exclusively serve the owner of the property, all costs associated with repairs/maintenance or replacement of such pipe(s) shall be the responsibility of the owner including that portion of the “Sewer (Lateral) Service” located on Town of Gananoque owned property. Therefore, all sewer drains and “Sewer (Lateral) Service” connected thereto from the “Public Sewer Main (Trunk) Service” up to and including the connection at the property line in the said Town of Gananoque shall be repaired, kept in order or replaced at the expense of the Property Owner.
- 10.2 No person shall injure, break or remove any portion of any receiving basin, covering flag, manhole, vent, shaft, grating, or any part of any common sewer or drain or obstruct the mouth of any common sewer or drain, or obstruct the flow of water in any common sewer or drain in the Town of Gananoque.

11 Maintenance of “Sewer Lateral Service” Pipes by Owner

- 11.1 Every person with a property connected to the sewer system must at his own expense keep his “Sewer (Lateral) Service” pipe or pipes, from the “Public Sewer Main (Trunk) Service” to the interior face of the outer wall of the building and all appliances and fixtures connected therewith in good order and condition.
- 11.2 Any damage or leak or other maintenance of the “Sewer (Lateral) Service” pipes from the property line to the interior face of the outer wall of the building shall be forthwith repaired by the owner or occupant of the building to the satisfaction of the Town of Gananoque, and in default of his/her so doing, whether notified or not, the Town of Gananoque may enter upon the land where the service pipe is and repair the same and charge the cost thereof to the owner or occupant of the premises and the same may be collected in the same manner as sewage service rates.
- 11.3 Should the said “Sewer (Lateral) Service” pipes, appliances and fixtures get out of repair and not be forthwith repaired it shall be lawful for the Town of Gananoque to refuse to continue the provision of service until such repairs have been concluded.
- 11.4 There shall be a minimum charge upon the property owner for each service call to check a sewer blockage, provided that the charge will be cancelled if the check shows that the Town of Gananoque is at fault because the blockage is in the “Public Sewer Main (Trunk) Service”. The said charge will be set by resolution of Council.
- 11.5 Where a jointly owned “Sewer (Lateral) Service” on private property requires servicing and/or repair, and an agreement to service and/or repair that “Sewer (Lateral) Service” can not be reached by the owners, the Town of Gananoque may, after giving adequate notice to the owners by personal delivery or by registered mail, repair the “Sewer (Lateral) Service” and levy the cost on the taxes of the owners of the “Sewer (Lateral) Service”.

12 Inspections

- 12.1 The officers or employees of the Town of Gananoque shall be at all times entitled to enter any premises for the purpose of examining pipes, connections and fixtures which are used in connection with the “Sewer

(Lateral) Service”.

- 12.2 All “Sewer (Lateral) Service” pipes and connections inside the property line shall be inspected at the applicant's expense by an officer or employee of the Town of Gananoque prior to backfilling and when backfilling such “Sewer (Lateral) Service” pipes and connections shall be properly protected from frost by ensuring proper depth of cover at the expense of the owner of the property for which such service is supplied and shall be so protected from all damage whether by frost or otherwise and the owner of each building shall be responsible for the due protection of such service pipes and, in the case of leakage, such owner shall be responsible for the loss occasioned by such leak and for all damage arising from such leakage.

13 New Connections

- 13.1 No work may be done on either the installation or the repair of “Sewer (Lateral) Service” and related amenities without the written approval of the Director of Public Works/Recreation of the Town of Gananoque, or his/her designate.
- 13.2 All “Public Sewer Main (Trunk) Services” and services which are laid or installed in public streets shall become the property of the Town of Gananoque.
- 13.3 Where “Public Sewer Main (Trunk) Services” and services are installed by a developer, all the works shall be supervised/inspected by the Town of Gananoque and legal agreements, including the responsibility for the survey and registration of easements, will be required prior to the commencement of the installation stating that the Town of Gananoque will become the owners of the installation on their completion.
- 13.4 The terms and conditions related to the installation of “Public Sewer Mains (Trunk) Services” and Sewer (Lateral) Services) as part of a new Plan of Subdivision shall be set out as a Schedule of the related “Subdivision Agreement”.
- 13.5 For new service connections to existing “Public Sewer Main (Trunk) Services”, a “Sewer Service Permit”, as set out in Section 7 of this bylaw, will be required before any work is undertaken.
- 13.6 Appurtenances, fittings, connections etc. must be inspected, tested and approved by an authorized agent of the Town of Gananoque before use of the “Sewer (Lateral) Service commences.

14 Building “Sewer (Lateral) Service” and Connection to Building

- 14.1 No connections shall be made to the “Public Sewer Main (Trunk) Service” without the prior written approval of the Director of Public Works/Recreation of the Town of Gananoque, or his/her designate.
- 14.2 All costs associated with the construction and maintenance of the internal drains and the “Sewer (Lateral) Service” shall be the responsibility of the property owner.
- 14.3 All pipe material, size, depth of cover, connections etc. shall be in accordance with the Town of Gananoque Standards.
- 14.4 The property owner shall inform the Town of Gananoque when the interior building sewer has been constructed and the Town of Gananoque shall have the interior building sewer inspected.
- 14.5 All connections shall be approved watertight and be tested in the presence

of the Inspector.

- 14.6 The Town of Gananoque is responsible for the connection of the "Sewer (Lateral) Service" to interior building sewer.
- 14.7 If the construction of the interior building sewer is approved by the Town of Gananoque, the "Sewer Service Permit" holder may proceed to have the building sewer connection with the "Sewer (Lateral) Service" backfilled.
- 14.8 If construction of the interior building sewer is not approved as aforesaid, the "Sewer Service Permit" holder shall make the necessary changes, alterations and corrections to the satisfaction of the Town of Gananoque.
- 14.9 A separate and independent "Sewer (Lateral) Service" shall be provided for every single family home, including separate units related to duplexes, and row or tenement housing. A separate and independent "Sewer (Lateral) Service" shall be provided for every single apartment building, office building, factory, or other similar building. An exception is provided in those cases where a building stands at the rear of another on an interior lot, or is part of a joint ownership of land agreement (i.e. Condominiums).
- 14.10 No private sewer is available or can be constructed to the rear building through an adjoining alley, court, yard or driveway. In such cases the Sewer (Lateral) Service from the front building may be extended to the rear building and the whole considered as one building sewer.
- 14.11 No existing "Sewer (Lateral) Service" is to be used for a connection to a new building unless it has first been examined and tested by the Town of Gananoque and found to comply with all the requirements of this by-law.
- 14.12 The diameter of the "Sewer (Lateral) Service" shall not be less than 100 mm [four inches (4")] for sanitary sewer connections and for storm sewer connections.
- 14.13 The slope of a "Sewer (Lateral) Service" to a sanitary sewer shall not be less than 2 %.
- 14.14 For any building in which the building drain is too low to permit gravity flow to the "Public Sewer Main (Trunk) Service", sanitary sewage carried by such drain shall be lifted by Town of Gananoque approved artificial means and discharged from the "Sewer (Lateral) Service" to the "Public Sewer Main (Trunk) Service"
- 14.15 All excavations required for the installation of a "Sewer (Lateral) Service" shall be open trench work, unless otherwise approved in writing by the Town of Gananoque. Pipe laying and backfill shall be performed in accordance with the specifications of the Town of Gananoque.
- 14.16 Storm and sanitary sewer connections from the appropriate storm or sewer main to the building wall may be made to vacant lots providing the openings of the connection of the sanitary sewer and storm sewer are effectively sealed by means of a watertight plug and Inspected by the Public Works/Recreation Department. See Section 8.2
- 14.17 No watertight plug shall be removed without the prior approval in writing of the Town of Gananoque, and such approval shall specify the period of time that the sewer may remain unplugged, but no person shall leave, permit or allow the sewer to remain unplugged after the close of work for the day on which it was unplugged.
- 14.18 The discharge connections from paved areas or roof areas shall be limited to a capacity of 17.5L/second/hectare (0.25 cu.ft./second/acre).

- 14.19 No person in or about any dwelling house, store or other building or gas works, manufactory, slaughter house or the like, connected with any common sewer or drain, shall permit any substance to flow into any such sewer or drain which shall form a deposit, having tendency to fill said sewer or drain, and any branch drain or sewer connecting with any common sewer or drain, through which shall pass any substance having a tendency to fill up the said common sewer or drain, shall notwithstanding any such "Sewer Service Permit", be forthwith stopped up and disconnected by order of Council from such common sewer or drain.
- 14.20 Town of Gananoque Council, or the Director of Public Works/Recreation, may at any time at its or his/her option and without assigning any cause, disconnect from the common sewers or drains, all or any of the branch sewers or drains connecting therewith, whether so connected by "Sewer Service Permit" or otherwise, and keep the same so disconnected at its or his option. And no person shall thereafter connect such branch drain or sewer so stopped, as aforesaid, with any common sewer, except with the permission of Council or the Director of Public Works/Recreation, as aforesaid.
- 14.21 The flushing of a "Sewer (Lateral) Service" in the Town of Gananoque, when done by means of water supply from the "Public Water Main (Trunk) Service" or a "Water (Lateral) Service", shall be under the direction of the Utilities Supervisor to whom application shall be made.
- 14.22 Upon any application to the Utilities Supervisor to flush a private or branch drain, he/she shall determine whether it is practicable for the work to be done by the Town of Gananoque having regard to its work schedule and the nature of the problem.
- 14.23 The applicant wishing to have a "Sewer (Lateral) Service" or a storm drain flushed shall pay all costs associated with the provision of this service.
- 14.24 When the Director of Public Works/Recreation, or his/her designate, determines that an application to have a private or branch drain flushed is a proper one to be acted on he shall cause such drain to be flushed and shall certify to the Treasurer the cost of the same according to the actual cost. Costs shall include actual labor rates, and a charge for the use of equipment at rates which have been authorized by Council, plus any approved administrative charge.
- 14.25 In cases where the Town of Gananoque assigned inspector determines that the application is not a proper one to be acted on the Treasurer shall thereupon refund the entire deposit to the applicant.
- 14.26 The Town of Gananoque shall assume no obligation that the flushing shall be effective in clearing the drain to be flushed and shall in any case be entitled to charge the sums respectively set out above in respect of the services rendered by the Town of Gananoque.
- 14.27 Section 14 shall also apply to storm sewer connections.

15 Repairs to "Sewer (Lateral) Service"

- 15.1 Notwithstanding any other Sections of this by-law, the responsibility for costs for clearing blockages and/or excavating and repairing blockages and damaged services and connections, and the replacement of material shall be as set out below.

- 15.2 The Owner shall be responsible for all piping etc. on private property and for any work required on any part of the "Sewer (Lateral) Service" from the "Public Sewer Main (Trunk) Service" due to misuse.

16 Method of Charging for Services

- 16.1 The Town of Gananoque shall establish a method of charging for repairs, maintenance, replacement, new installations and all related sewer services rendered by Town of Gananoque Staff based on "actual costing" for such services rendered. This policy is related to (i) pending provincial legislation requiring municipalities to substantiate costing for services provided and, (ii) because of varying maintenance parameters, to the inequalities associated with a flat rate invoicing system.
- 16.2 An overhead administrative cost of 30% shall be added to the "actual costing" procedures.
- 16.3 Any unpaid Sewer Charges shall be added to the Tax Roll for any real property in the Town of Gananoque and shall be collected in like manner as municipal taxes.

17 Penalty

- 17.1 Every person who contravenes this By-law is guilty of an offence and on conviction is liable to payment of a fine not exceeding Five Thousand (\$5,000.00) dollars for each offence, exclusive of costs.

18. Schedules

- 18.1 Schedules "A", "B", "C", and "D" inclusive forms a part of this By-law as if each of these Schedule were included in the body of the By-law.

19. Short Title

- 19.1 This by-law shall be referred to as the "Sewage Works By-law".

20 By-law Repealed

- 20.1 Any and all by-laws or portions thereof conflicting with this by-law are hereby repealed

21 Effective Date

- 21.1 This by-law shall be in force and take effect upon its passing.

THAT this By-law shall come into force and take effect on February 1, 2005

Read a First and Second Time this 4th day of January 2005.

Read a Third Time and finally passed this 1st day of February 2005.

Signature of Mayor

Signature of CAO/Clerk

SCHEDULE "A"

DESCRIPTION OF "PUBLIC WORKS"

Gananoque Sewage Lagoon

Stone Street Sewage Pumping Station

Eastend Sewage Pumping Station

#2 Sewage Pumping Station

#3 Sewage Pumping Station

"Public Sewer Mains (Trunk) Service"

SCHEDULE "B"

DESCRIPTION OF SEWER AREAS

- 1. Limits of the Town of Gananoque**
- 2. Thousand Islands Charity Casino**
Ontario Lottery and Gaming Corporation
380 County Road #2,
Leeds Concession 1, Part Lot 18
RP 28R1101, Parts 2 and 3
0812-812-020-04401 - Township of Leeds and the Thousand Islands
- 3. Parkway island Inn**
357 County Road #2,
Leeds Concession 1, Part Lot 17,
RP28R1895, Part 1,
0812-812-020-01106 - Township of Leeds and the Thousand Islands
- 4. Provincial Motel**
Letom Motel Company Limited,
846 King Street East,
RP28R10632, Part 4
0812-812-020-04450 - Township of Leeds and the Thousand Islands



TOWN OF GANANOQUE

URBAN SERVICE REQUIREMENTS

SCHEDULE “C”

INSPECTIONS

(Call the Public Works/Recreation Department at 382-4360 for new installation inspection)

(Call the Public Works/Recreation Department at 382-4360 for existing installation)

- **A 48 hours notice is required.**
- All work must conform to the requirements as outlined in the Occupational Health and Safety Act as amended from time to time which includes trenching, personal protection and equipment.
- The curb box valve and any coupling for all services shall be exposed for inspection.
- The servicing will be inspected for material, type, elevation, slope, bedding and depth of cover. Testing of services may take place at any time at the Town of Gananoque’s request.
- Inspection of the Curb and main stops, bedding and backfill materials, including the “Sewer (Lateral) Service”, are the responsibility of the Town of Gananoque’s Public Works/Recreation Department.
- All work to be completed as per the relevant section of OPSS unless specifically stated otherwise as per this sheet.

“SEWER (LATERAL) SERVICE”

- 100mm 0 minimum size PVC SDR28 or equivalent for single family homes. Pipe must be labeled. Multiple units will require design approval from the Town of Gananoque.
- Coupling at connection point shall be to manufacturer’s specifications and/or same material as pipe.
- Clean out to be same size as “Sewer (Lateral) Service”.
- Sweeps to be installed. No bends or modifications will be approved.
- Each unit must have an individual “Sewer (Lateral) Service”
- No “Sewer (Lateral) Service” shall be located above the water service.
- Minimum slope for “Sewer (Lateral) Service” is 2%.
- Bell end of pipe shall be upstream towards building...
- Backfilling of “Sewer (Lateral) Service” trench shall be of material which does not have rocks or boulders of 150mm or larger in one direction, and be free of organic material.

“WATER (LATERAL) SERVICE”

- 19mm 0 minimum type ‘k’ copper, or 19mm 0 polyethylene (must be labelled CAN/CSA-B1371), is approved by the Town and installed to the Ontario Plumbing Code.
- Where the “Water (Lateral) Service” pipe needs to be longer than 18m from the curb stop to the building, a 25mm service is the minimum size approved.
- When polyethylene pipe is being used and passes through wall and concrete slab, it shall be installed with a metal sleeve and pressure tested at 150 psi.
- Where polyethylene water pipe is used, it shall be wire traced from building foundation wall to connection joint at property line. Tracer wire to be 10 gauge stranded wire.
- Polyethylene services must have stainless steel inserts to compression fittings.

- Minimum depth of cover of the water service is 1.5m along the entire length.
- Bedding material shall be granular 'A' and compacted to a minimum depth of 150mm above and below the water service.
- There shall be no buried joints, except at the curb stop.
- Double water services will only be allowed if there is a 25mm service minimum from the "Public Water Main (Trunk) Service" to the curb stop and a double curb stop with compression fittings and without drain is installed. Each unit should have a 19mm service minimum from curb stop to the unit.

WATER METERS

- Water meters shall be supplied by the Town of Gananoque through the Public Utilities Department.
- Water meters to be installed horizontally as per manufacturer's specifications.
- Remotes will be placed within 300mm of the Hydro meter or approved location.
- Contractors are responsible for installing the water meter and a wire, 4 – strand wire, 22 gauge minimum (Bell wire), from the water meter to the approved remote location.
- Public Utilities Department personnel will do the final connection at the water meter and mount/connect the remote.
- Public Utilities staff will tag and secure all water meters.

CURB STOP

- Mueller Roto-Seal type or equivalent – compression fittings. Without drain
- Inverted key type not acceptable.
- Valve will be no deeper than 1.7m below finished grade.
- An anode must be fastened to the curb stop with an electric clamp for every copper service, minimum 7.7 Kg zinc anode. If an anode has already been installed on the main stop than this is not required.

MAIN STOPS

- Compression fittings. Without drain
- Service taps will include stainless steel saddle as recommended by pipe manufacturer.
- An anode must be fastened to the main stop with an electric clamp, minimum 7.7 Kg zinc anode.

BEDDING AND BACKFILL MATERIAL

As per OPSS 701 or as approved by Director of Public Works/Recreation of Public Works/Recreation.

SCHEDULE "D"

"AS CONSTRUCTED" FORM

ADDRESS _____

LOT# _____ R PLAN NO. _____ PROJECT NO. _____

WATER SERVICE

TYPE of PIPE _____ SIZE _____

TYPE of CONNECTION FITTING _____ TYPE of CURB STOP _____

SEWER SERVICE

TYPE of PIPE _____ SIZE _____

GRADE _____

DISTANCE FROM MH# _____ IS _____ DISTANCE FROM MH# _____ IS _____

CONTRACTOR IS REQUIRED TO PROVIDE SWING TIES FROM STRUCTURE CORNERS TO BOTH CURB STOP AND SEWER TESTING TEE.

PROPERTY LINE			
● MH#	AS CONSTRUCTED SERVICE LOCATION	● MH#	
Note: Draw both water and sewer services on the same diagram including the location of the sewer clean out and the curb stop.			
I certify that the dimensions shown above are correct: _____			
	Contractor's signature		Date

Certified by: _____
Inspector's signature Date

SCHEDULE "3"
SUMMARY OF CHARGES
SEWER

Item	Charges
Sanitary sewer rodding and pumping out basements	Direct and indirect labour Costs, equipment and materials plus a 30% administration fee
Sanitary sewer "Sewer (Lateral) Service" repairs	Direct and indirect charges for equipment and materials plus a 30% administration fee.
"Sewer Service Permit"	Implement a "Sewer Service Permit" system \$35 per connection plus actual inspection costs including labour, equipment and a 30% administration fee.
New "Sewer (Lateral) Service" Installations	Direct and indirect charges for labour, equipment and materials plus a 30% administration fee.