

- 5.2. Prior to connecting to a **Water Service** a **Customer** must make application to connect and pay all related connection **User Fees** set out in [Schedule A](#).

Section 5.3 deleted by Bylaw 1103 and renumbered

- 5.3. The **Director** may require a **Customer** to provide a plan and specifications of **Works** that conform to the **District's** Subdivision and Development Servicing Bylaw.
- 5.4. Each parcel that is less than 0.8 hectares (2 acres) shall be limited to one (1) **Water Service**. Each parcel that is 0.8 hectares (2 acres) or greater shall be limited to two (2) **Water Services**, one of which will be an **Agricultural Irrigation Water Service** or **Seasonal Irrigation Water Service**, unless otherwise approved by the **Director**.
- 5.5. Notwithstanding section 5.4, if the **Waterworks System** does not have the capacity to provide an **Agricultural Irrigation Water Service** or a **Seasonal Irrigation Water Service** as determined by the **Director**, each parcel within a particular distribution system shall be limited to one (1) **Residential Water Service**, unless otherwise approved by the **Director**.
- 5.6. The **Director** shall, in every case, approve the size of the pipe to be used in supplying any **Water Service** connection and determine the location where the **Water Service** is to be installed.

Section 5.7 to 5.10 added by Bylaw 1103

- 5.7. All Premises that have been approved to connect to a District water system, and have not previously paid for water Allotment, shall pay the minimum Allotment Fee as per Schedule A, prior to connecting.
- 5.8. The minimum Allotment fee shall provide a Premises with an Allotment equal to the lot size to a maximum of 0.40 hectares (1 acre).
- 5.9. Increases in Allotment for the purpose of irrigation must be approved by the Director.
- 5.10. When increasing Allotment for the purpose of irrigation, the Premise must increase to a minimum of 0.80 hectares (2 acres). All Premises increasing Allotment for the purpose of irrigation shall pay the Allotment Fee, as per Schedule A.

5.11. All **Water Services** are to be installed as per standard drawings outlined in the Subdivision and Development Servicing Bylaw, or as approved by the Director

6. WATER MAIN EXTENSIONS

- 6.1. Where the **Works** do not exist adjacent to a proposed subdivision or development, or where the **Works** do not exist along a portion of the **Premises**, the applicant shall, at their sole expense, be required to extend the water main along the full frontage of the parcel being subdivided, and in the location designated by the **Director**.
- 6.2. The requirements set out in 6.1 may be waived by the **Director** if:
- (a) The development is on land zoned agricultural; or

(b) There is no potential for a future water main extension past that parcel lot boundary, on the further condition that the **Director** shall determine the location of the end of the water main and the water main shall front no less than three (3) meters of the parcel lot boundary.

6.3. All water main extensions are subject to the **District's** Subdivision and Development Servicing Bylaw.

6.4. A Customer shall pay all **Costs** associated with installing the Customer's water main, which may include pipe and all other appurtenances.

6.5. Where a watermain extension is proposed to service an existing residential parcel in an area where the current **Waterworks System** does not meet the minimum residential fire flow requirements, the extension must be designed and sized to accommodate future upgrades to the **Waterworks System** that will enable it to meet the current residential fire flow standards.

6.4-6.6. Where the current **Waterworks System** does not meet the minimum residential fire flow requirements for new servicing, the **Director** may require additional on-site fire protection measures, which shall be secured through a covenant registered on the property title. These measures may include, but are not limited to increased building setbacks, fire resistant landscaping and building materials, and installation of residential fire sprinkler systems.

7. WATER TURN-ON OR TURN-OFF

7.1. Turn-on and turn-off **User Fees** as per [Schedule A](#) shall be charged per discrete event or occurrence where **District Staff** leave and return from the **Premises** to provide the **Water Service**.

7.2. Other than emergency situations, **Customer** requests for water turn-on or turn-off must be made at least 24 hours in advance.

7.3. In the case of a **Water Service** that is turned off due to non-compliance with the provisions of this bylaw, the **Water Service** shall not be again turned on until the turn-off and turn-on **User Fees** have been paid or the non-compliance has otherwise been rectified to the satisfaction of the **Director**.

8. WATER SERVICE DISCONNECTION

8.1. When any **Water Service** is to be abandoned and/or disconnected the **Customer** shall notify the **Director** and the **Water Service** must be severed either at the ~~District curb-stop~~, Isolation Valve, at the **District's** water-main or as determined by the **Director**.

8.2. All **Costs** associated with Water Service disconnections are the Customer's responsibility.

9. WATER METERING REGULATIONS

9.1. All **Connected Water Services** are to be metered with a **Meter** and all water must flow through the **Meter**, unless a waiver of this requirement is granted pursuant to this bylaw.

9.2. All **Customers** shall permit **District Staff** to enter their **Premises** at all times upon receiving reasonable notice in order to read, inspect, maintain or replace a **Meter**.

9.3. Where section 9.1 or 9.2 are not complied with, the **Customer** will be deemed **Unmetered** by the **District** and charged the applicable **Rates** set out in [Schedule B](#).

9.4. No person is permitted to:

- (a) in any way to tamper with a Meter;
- (b) damage or destroy a Meter, whether deliberately or negligently;
- (c) move a Meter, unless approved by the **Director**.

9.5. A **Customer** shall be responsible for the **Costs** associated with the repair or replacement or installation of a **Meter** that is used in servicing the **Customer's Premises**.

9.6. Unless otherwise approved by the **Director**, each **Water Service** shall be limited to one **Meter**, provided that each:

- (a) **Water Use Classification** on **Mixed Use** properties must be equipped with its own **Meter** and the applicable **Rates** set out [Schedule B](#) apply to each **Meter**; and
- (b) A **Dwelling Unit** of a freehold duplex, ~~or~~ triplex, ~~fourplex~~, or a **Bare Land Strata** shall be metered separately and are not considered **Multifamily Residential**.

Replaced by
Bylaw 1103

9.7. All Meters:

- (a) shall be installed pursuant to the BC Building Code by a **Qualified Plumber** or **District Staff** in conformance with the standard drawings set out in [Schedule D](#);
- (b) are to be supplied and purchased through the **District** at the **User Fees** set out in [Schedule A](#); and
- (c) remain the property of the **District**.

9.8. With prior approval from the **Director**, A **Customer** is permitted to have a **Meter** inside their **Dwelling Unit** that does not transmit a radio frequency provided that the **Customer** installs a functional **Remote Meter Reading Pad** that is accessible on the exterior of the **Dwelling Unit**. Such **Customers** shall be charged a manual **Meter** reading **User Fee** for each reading as set out in [Schedule A](#).

10. METER PIT

10.1. The **Director** may require a **Meter** to be installed in a **Meter Pit** if a **Customer** has been using **Unmetered** water, if a **Customer** plans to have more than one **Dwelling Unit** or connection point prior to a **Dwelling Unit**, or any other related circumstance.

10.2. Where a **Customer** requests to have a **Meter** installed in a **Meter Pit**, the installation of the **Meter Pit** must be approved by the **Director**. **Meter Pits** are required to be installed for all new **Water Service** connections that are not **Multifamily** or **Commercial**. This may include new construction, replacement, or repairs of the existing **Water Service** completed by the **Customer** or the **District**.

10.3. The **Customer** shall pay all **Costs** associated with a **Meter Pit** installation, as outlined in [Schedule A](#), unless a **Meter Pit** is installed at the **District's** discretion during a **Water Service** repair.

- 10.4. The location of a **Meter Pit** must be approved by the **Director**. **Meter Pits** may be installed within a road right-of-way (on the untraveled portion of the road), on the **Customer's** land adjacent to the **Isolation Valve**~~curb stop~~ or as otherwise determined by the **Director**.
- 10.5. All Meter Pits:
- (a) shall be installed pursuant to the BC Building Code by a **Qualified Plumber** or **District Staff** in conformance with the standard drawings set out in Schedule D the Subdivision and Development Servicing Bylaw as amended from time to time; and
 - (b) remain the property of the **District**.
- 10.6. Where a **Meter Pit** has not been installed in accordance with this bylaw, the **District** shall only be responsible for the **Meter**.

11. WATER CONSERVATION AND ALLOCATION REGULATIONS

- 11.1. In case of a water shortage or other emergency, the **Director** is authorized to suspend, regulate or stop the supply of water to any or all **Customers**, including setting **Allocations** and certain hours, days and time periods during which **Customers** shall not be permitted to use water supplied by the **District** to sprinkle, irrigate or use water in any other manner as specified by the **Director**.
- 11.2. No constant run fixtures, swamp coolers, or water to waste refrigeration units are permitted to be **Connected** to the **Waterworks System**.
- 11.3. Every person that utilizes a **Water Service** for irrigating shall do whatever is necessary to prevent waste of water and ensure that the water is contained on their land.
- 11.4. No **Residential Water Service** may use more than 38 liters per minute (10 US gal/minute), except when suppressing an active fire.
- 11.5. No **Commercial Water Service** may use more than 38 liters per minute (10 US gal/minute) per 300 square metres of floor area, except when suppressing an active fire.
- 11.6. No **Agricultural Irrigation Water Service** or **Seasonal Irrigation Water Service** may use more than 56.7 liters per minute per hectare of land with an **Allotment** (6.0 US gallons per minute per acre).

12. AGRICULTURAL AND SEASONAL IRRIGATION WATER SERVICE REGULATIONS

- 12.1. The **Director** shall determine the schedule for activating and de-activating **Agricultural Irrigation Water Services** and **Seasonal Irrigation Water Services**.
- 12.2. Water turn-on and turn-off **User Fees** are not applicable to normal spring activation and fall deactivation of **Agricultural Irrigation Water Services** and **Seasonal Irrigation Water Services**.
- 12.3. No Customer shall use an **Agricultural Irrigation Water Service** or **Seasonal Irrigation Water Service** before the spring activation or after the fall de-activation, unless the **Customer** has received approval for early turn-ons or late turn-offs from the **Director**.
- 12.4. **Customers** may request from the **District** early **Agricultural Irrigation Water Service** turn-on for filling sprayers and irrigating new plantings. If an **Agricultural Irrigation Water Service** is turned

- (e) **Agri-tourism Accommodation Water Services** shall be charged the **Commercial Rate** as set out in [Schedule B](#).

15.4. Seasonal Irrigation and Agricultural Irrigation

- (a) **Agricultural Irrigation** and **Seasonal Irrigation User Fees** shall be charged as per [Schedule B](#).
- (b) Seasonal Accommodation For Farm Help Connected to an Agricultural Irrigation Water Service shall not be subject to additional User Fees or Rates.
- (c) **Agricultural Irrigation Rates** shall be calculated per hectare of land that has an **Allotment**. A minimum charge at 0.40 hectares (1.0 acres) shall apply.
Deleted and replaced by Bylaw 1217, 2023
- (d) Where a **Premises** has an **Allotment** intended for farming but does not have an **Agricultural Irrigation Water Service** or **Seasonable Irrigation Water Service**, a **Non-connected User Fee** shall be charged as set out in [Schedule B](#).
- (e) If a **Premises** loses **Farm Status** in any given calendar year, **Seasonal Irrigation Rates** will commence January 1st of the following year.
- (f) Agricultural rates as per [Schedule A](#) will apply as of January 1st of the calendar year in which a **Premises** obtains **Farm Status**.

16. BILLING

- 16.1. Invoices or notices requiring payment of **User Fees** and **Rates** pursuant to this bylaw are deemed to have been delivered to the **Customer** on the date on which it was mailed. Failure to receive such invoice or notice does not negate the responsibility of the **Customer** from paying the **User Fees** and rates established by this bylaw.

Deleted and replaced by Bylaw 1217, 2023

- 16.2. Invoices for **User Fees** shall be charged quarterly and are payable by each **Customer** with the following billing cycles and due dates, or as otherwise approved by the **Director**:

Billing Cycle	Due Date
January 1 to March 31	May 31 ¹⁵
April 1 to June 30	August 15 ³¹
July 1 to September 30	November 15 ³⁰
October 1 to December 31	February 28 ¹⁵

- 16.3. Interest on **User Fees** and **Rates** remaining unpaid after the applicable due date shall be charged at 1.5% per month compounded annually.
- 16.4. Where it is determined that incorrect billing has taken place, charges and/or refunds shall be processed accordingly. Such charges and/or refunds shall not exceed a period of two (2) years prior to the date of notification of incorrect billing.
- 16.5. All **Customers** are considered **Connected** to the **Waterworks System** on the date a building permit is issued for the **Premises** ("**Date of Connection**").
- 16.6. Billing of **Rates** shall commence on the full **Billing Cycle** immediately following the **Date of Connection**. Where the connection is for newly constructed **Commercial** or **Multi-family**

21. CITATION

21.1. This bylaw may be cited as "Water Regulation and Rates Bylaw 984, 2016".

READ A FIRST TIME this ~~6th day of December, 2016.~~

READ A SECOND TIME this ~~6th day of December, 2016.~~

READ A THIRD TIME this ~~6th day of December, 2016.~~

ADOPTED ~~this 20th day of December, 2016~~

~~Original signed by James Baker~~

Mayor

~~Original signed by Reyna Seabrook~~

Corporate Officer

Schedule A deleted and replaced by Bylaw 12~~8617~~, 202~~53~~

**Schedule A
User Fees**

<u>Fee Item</u>		<u>User Fee</u>
	<u>Standard Installation¹</u>	<u>Complex Installation²</u>
<u>Water Services</u>		
<u>Installation^{3,4}</u>		
25mm and less	<u>\$3,900</u>	<u>\$6,400</u>
38mm	<u>\$4,300</u>	<u>\$6,800</u>
50mm	<u>\$5,000</u>	<u>\$7,500</u>
<u>Road Crossing^{3,4,5}</u>		
25mm and less	<u>\$6,700</u>	<u>\$9,200</u>
38mm	<u>\$7,100</u>	<u>\$9,600</u>
50mm	<u>\$7,800</u>	<u>\$10,300</u>
All other <u>Water Service</u> installations	<u>Actual Cost</u>	<u>Actual Cost</u>
<u>Turn on/off</u>		
Turn on/off Service Call		<u>\$150 each</u>
Turn on/off Service Call after business hours		<u>\$250 each</u>
<u>Connection Fee</u>		
General Connection Fee	<u>\$1,000 per connection</u>	
<u>Allotment Fee</u>		
Per Hectare (minimum 0.4 hectare)	<u>\$29,536.46</u>	
<u>Hydrant and Standpipe Fee</u>		
Setup & Take down (combined)	<u>\$90 each occurrence</u>	
Daily Use	<u>\$45 per day</u>	
Consumption	<u>\$2.45 per cubic metre</u>	
<u>Water Meters</u>		
Meter Prices	<u>Actual Cost</u>	
Meter Pit Installation	<u>\$3,000</u>	<u>\$4,500</u>
Manual <u>Meter</u> reading fee	<u>\$180 per year</u>	
<u>Fee-Item</u>	<u>User Fee</u>	
<u>Water Service Installation</u>		
Any <u>Water Service</u> Installation	<u>Actual Cost</u>	
<u>Connection Fee</u>		
General Connection Fee	<u>\$1000 per connection</u>	
<u>Allotment Fee</u>		
Per Hectare (minimum 0.4 hectare)	<u>\$18,832.50</u>	

<u>Hydrant and Standpipe Fee</u>	
Setup & Take down (combined)	\$90 each occurrence
Daily Use	\$45 per day
Consumption	\$2.45 per cubic metre
<u>Turn on/off</u>	
Turn on/off Service Call	\$150 each
Turn on/off Service Call after business hours	\$250 each
<u>Meter Prices</u>	
All Meters	Actual Cost
<u>Other</u>	
Manual Meter reading fee	\$180 per year

¹Applies to installations less than 6 metres in length.

²Applies to installations that require utility pole holds, or hydrovac daylighting, or driveway/sidewalk concrete replacement, or asphalt replacement greater than 4 square metres.

³Includes metre pit installations but excludes water metres and backflow preventers.

⁴Water service installations deeper than 2m will be estimated and charged the **actual cost**.

⁵Road crossings means a water service installation that requires work and asphalt removal within the road right of way.

Schedule C

Stock Watering Credit Calculation

A credit to an account for **Stock Watering** shall apply under the following circumstances:

- The **Premises** has **Farm Status**.
- The stock water is being supplied from the **Residential** service line.
- The dollar value, as calculated below, exceeds \$15 dollars per month.

The formula used to calculate **Stock Watering Costs** will be as follows:

- Number of Animals x Daily Water Consumption for Type of Animal (from Table 1) x number of day in that month x water consumption fee per cubic metre.
- Each different type of animal will be calculated independently and their cost added together.

If the **Stock Watering** cost is calculated to be greater than \$15 dollars per month the total amount calculated will be applied to the account. The credit amount cannot reduce the water consumption fee to less than \$10 dollars per month.

Table 1

TABLE 1 ESTIMATED AVERAGE DAILY WATER CONSUMPTION FOR LIVESTOCK (US GALLONS PER DAY)											
TYPE OF ANIMAL			DESCRIPTION	US GPD	TYPE OF ANIMAL			DESCRIPTION	US GPD		
BEEF					SWINE (with wash water)						
cow with calf *			1,300 lb	12	farrow - finish			--	24 / sow		
dry cow/mature cow *			1,300 lb	10	farrow - late wean			50 lb	8 / sow		
calf *			250 lb	3	farrow - early wean			15 lb	6.5 / sow		
feeder – growing **			400-800 lb	6 - 9	feeder			50 - 250 lb	2 / pig		
feeder – finishing **			600-1,200 lb	9 - 12	weaner			15 - 50 lb	0.6 / pig		
bull			--	12	POULTRY						
DAIRY					broiler					per 100	4.2
milking * (with wash water)			holstein	36	roaster/pullet					per 100	4.8
dry cow/replacement			holstein	12	layer					per 100	6.5
calf			to 550 lb	3.5	breeder					per 100	8.5
SHEEP AND GOATS					turkey - grower					per 100	15.5
ewe/doe			--	2.5	turkey - heavy					per 100	19
milking ewe/doe			--	3.5	OSTRICH			--	1.2		
feeder lamb/kid			--	2	DEER, LLAMA, ALPACA			--	2.5		
BISON, HORSE, MULE					--	12	ELK, DONKEY			--	6

* For peak water use on days above 25^o C multiply gpd by 1.5

** For peak water use on days above 25^o C multiply gpd by 2

* For peak water use on days above 25° C multiply gpd by 1.5

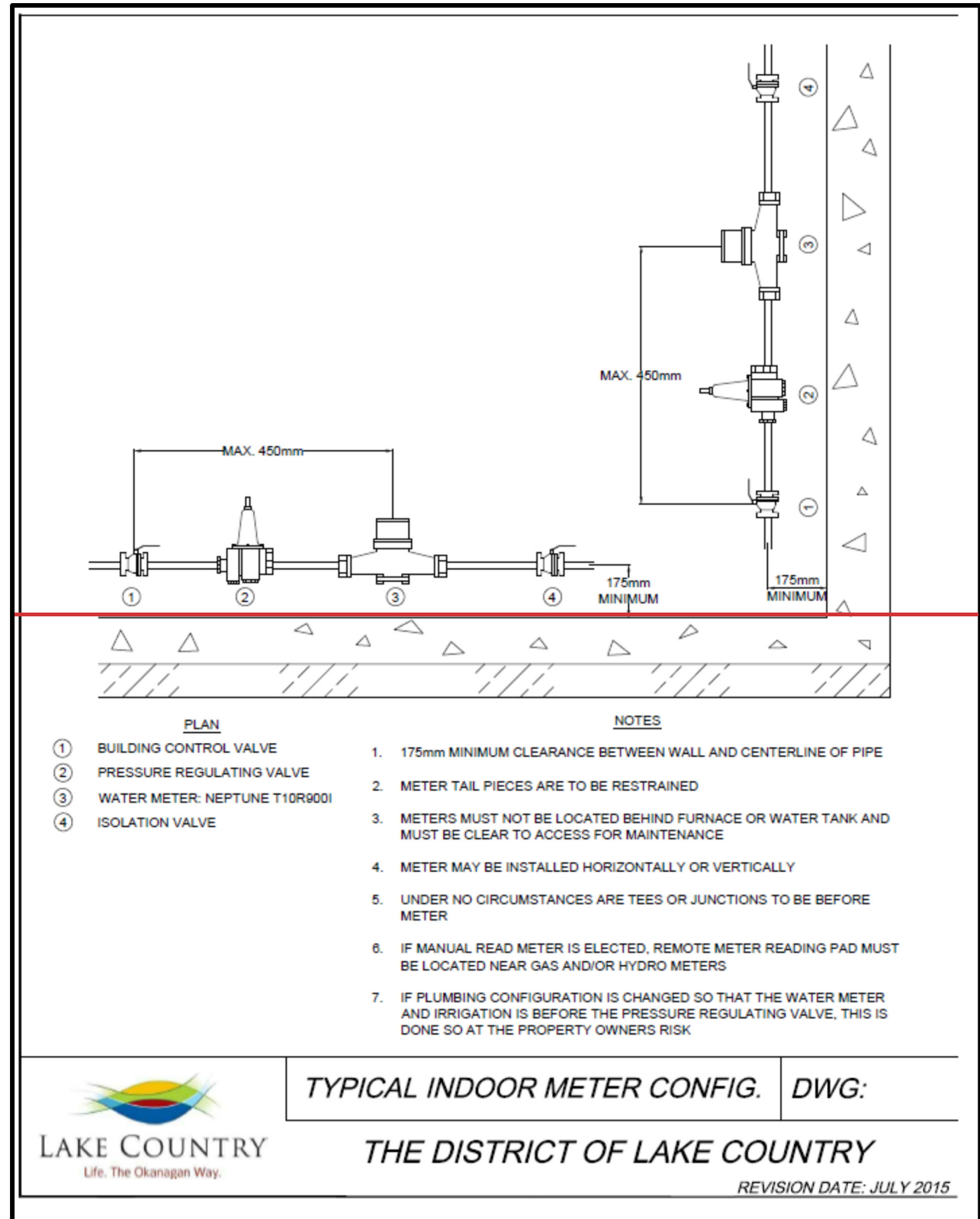
** For peak water use on days above 25° C multiply gpd by 2

Sources: Farm Water Supply Requirements, Alberta Agriculture, Food and Rural Development;
The Stockman's Guide to Range Livestock Watering From Surface Water Sources, PAMI;
Estimated Daily Water Intake of Beef Cattle, Cornell University, New York State

Schedule D deleted and replaced by Bylaw 1286, 2025

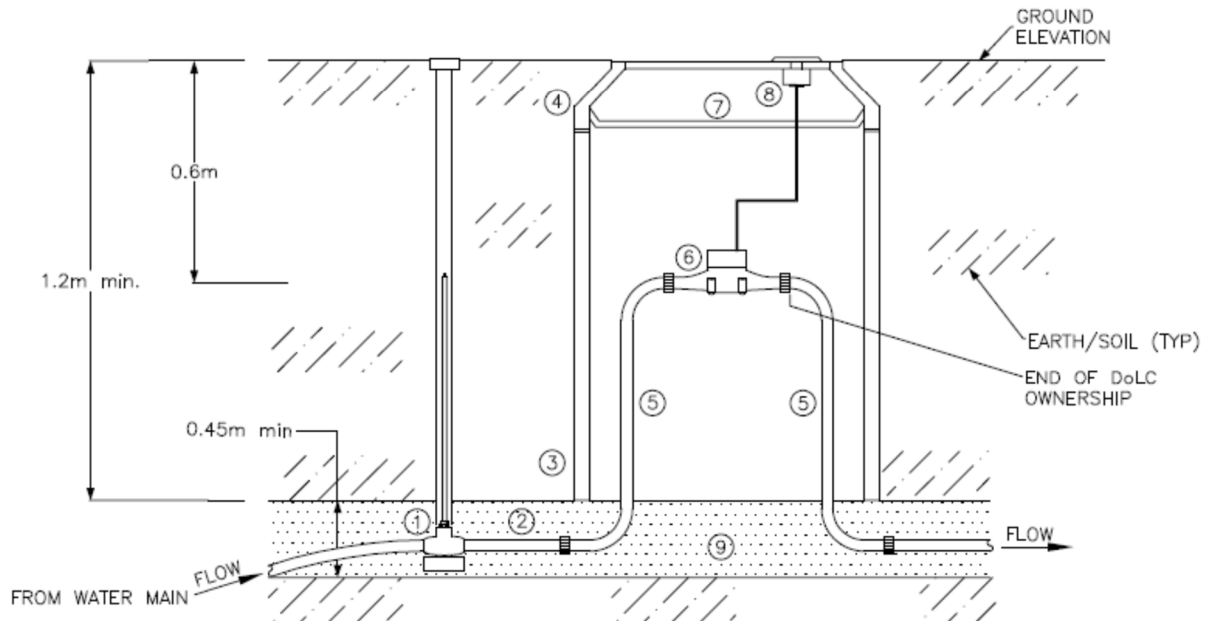
Schedule D
Standard Drawings

Typical Residential Water Meter Installation



Typical Meter Pit Installation (25mm and less)

STANDARD DETAIL DRAWINGS



PLAN

- ① CURB STOP: BALL VALVE BRASS
DOMESTIC BOX: GROUND LEVEL WITH STAINLESS STEEL ROD
- ② MUNICIPAL OR COPPER TUBING
- ③ ULTRA-RIB 450mm Ø PVC PIPE
- ④ CAST IRON METER PIT COVER WITH PAD/ANTENNA MOUNT
- ⑤ COPPER TUBING
- ⑥ WATER METER
- ⑦ INSULATING LAYER
- ⑧ E-CODER ANTENNA/MANUAL TOUCH PAD
- ⑨ BEDDING SAND OR 450mm Ø PIPE PLACED ON CONCRETE CINDER BLOCKS
NOTE: MINIMUM OF 0.45m DEPTH OF BEDDING SAND

NOTES

- 1. WATER METER MUST BE LOCATED UPSTREAM OF ALL DOMESTIC BRANCH LINES, TEES OR JUNCTIONS. ALL WATER USED FOR DOMESTIC PURPOSES WHICH INCLUDES LAWN AND GARDEN MUST BE DIRECTED THROUGH THE METER.
- 2. IF WATER METER LOCATED UNDER AN AREA OF TRAVEL, H-20 RATED LID MUST BE USED.



LAKE COUNTRY
Life. The Okanagan Way.

TYPICAL METER PIT 25mm OR LESS DWG:

THE DISTRICT OF LAKE COUNTRY

REVISION DATE: AUG. 2014

Schedule E deleted by Bylaw 1103

Added by Bylaw 1196

Schedule E
City of Kelowna Fees and Charges

1. Bulk Charge

Year	Per cubic metre
2023	\$0.68
2024	\$0.77
2025	\$0.88

2. Capital Limit Adjustment Charge

1 litre per second (Maximum Day Demand) = \$~~226,590~~143,298