

REQUIREMENTS AND REGULATIONS FOR WATER SERVICE AND WATER METER INSTALLATION

1. The Commission requires all new water, wastewater and stormwater building service connections to be inspected by Halifax Water prior to activation of the water, wastewater and/or stormwater services. If multiple services are inspected at the same time only one charge will apply. The following is the new fee structure for inspection services:

- Water laterals up to 50mm (2") in diameter = \$90.00, per visit, per service
- Water laterals greater than 50mm (2") in diameter = \$165.00 per visit, per service
- Wastewater/stormwater laterals up to 150mm (6") in diameter = \$90.00 per visit, per service
- Wastewater/stormwater laterals greater than 150mm (6") in diameter = \$165.00 per visit, per service

For inspections call the area offices; **West** (Halifax/Timberlea/Lakeside) 490-6940 **Central** (Bedford/Sackville/Fall River) 869-4290 **East** (Dartmouth/Porter's Lake/Eastern Passage) 490-4965.

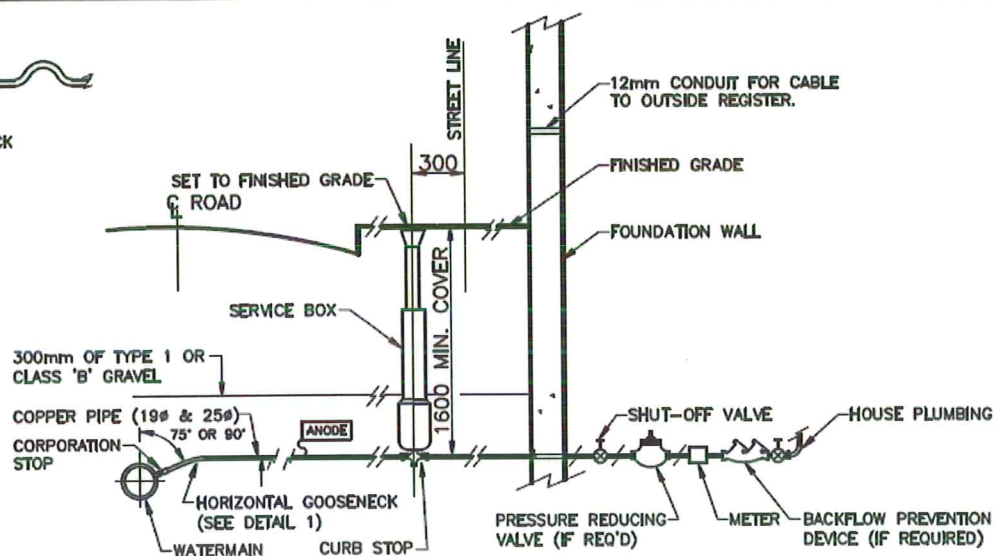
2. All work is to conform to the current [HRWC Design and Construction Specifications](#).
3. Type "K" soft copper tubing is to be used for the water service. Insulation shall be installed on the service lateral to protect against frost penetration.
4. A minimum of 1.6m (5'3") must be maintained over the entire service from the watermain to the building. Maximum depth of cover is 2.0 m (6'6").
5. New service laterals less than 20m (66' in length) shall not have any fittings for services.
6. Water services are to maintain a minimum 300mm (1'0") vertical and horizontal clearance from a parallel gravity sewer line with the water service at a higher elevation or a minimum of 3.0m (10'0") horizontal separation. Force main sewer laterals are to have a 3.0m (10'0") separation. Where a sewer crosses below a water service, separation required is 450m (18"). If a property is in an area served by on-site sewage systems, the water service lateral must maintain 6m (20') separation from an on-site disposal field.
7. Water services must not run under a floor slab. A meter cannot be installed in a garage or in a crawl space less than four feet in height. The meter must be installed in a heated space where it will not be subject to freezing temperatures. The meter must be installed not more than 750mm (30") or less than 300mm (12") in height and installed within 1.2m (4'0") where the service line enters the building and in a place where it can be easily read and exchanged.
8. Once the new lateral has been located in the building, a valve should be installed and left in the "closed" position.
9. The civic number and lot number must be posted on the front of the building for identification in the field. The owner, contractor or authorized representative should be on site for the meter installation.
10. There can be no other source of water supply directly connected to the internal plumbing (i.e. wells or lake water supply).
11. It is the responsibility of the applicant to ensure the service box (i.e. water shut-off) is visible and adjusted to the final landscaped grade prior to meter installation. The service box (i.e. water shut-off) is not to be installed in a driveway.
12. For new construction a 1/2" conduit must be provided through the foundation or exterior wall nearest the meter for the purpose of installing an outside register, in a place where it can be easily read and exchanged. Wire will be supplied, at no cost, to be installed during construction. Wire for the outside register must be a solid 22 gauges, 3" or 4" conductor wire and is to be installed before meter installation.
13. The building must be roof tight, plumbing complete to the meter and external siding installed.
14. All required meter valves, Pressure Reducing Valves (PRV), Backflow Prevention Devices (BFP) and appurtenances must be in place before a meter can be installed. (See diagrams attached). If a PRV and/or BFP are required, it will be indicated on the permit or advised.
15. An appointment is required to have the water meter installed at which time the water will be turned on. Appointments are made on a first-come first-service basis and should be booked at least one week in advance.
16. Please call Customer Service (Monday thru Friday, 8am-8pm) 490-4820 to arrange for a meter installation appointment.
17. There is a \$25.00 fee for an account creation which will appear on your first invoice. This fee shall be \$200.00 when a meter is installed or water turned on, after normal working hours of the utility. The Commission will charge for missed appointments by the customer and/or failure to comply with the items listed above for meter installation. The charge will be \$45.00 for each and every return appointment. These charges will be payable by the (liable parties) water service applicant.

SEE ATTACHED DIAGRAMS FOR CONTINUED REGULATIONS AND METER ORIENTATION

- Applicants are responsible to thaw any frozen water lines prior to meter installation. The Commission cannot guarantee a source of free-flowing water supply during this period.
- The building must be in a heated condition before a meter can be installed. All repairs to frozen meters will be charged back to the applicant.

Should you have any questions regarding the above, please contact the Halifax Water Commission ay 490-4820.

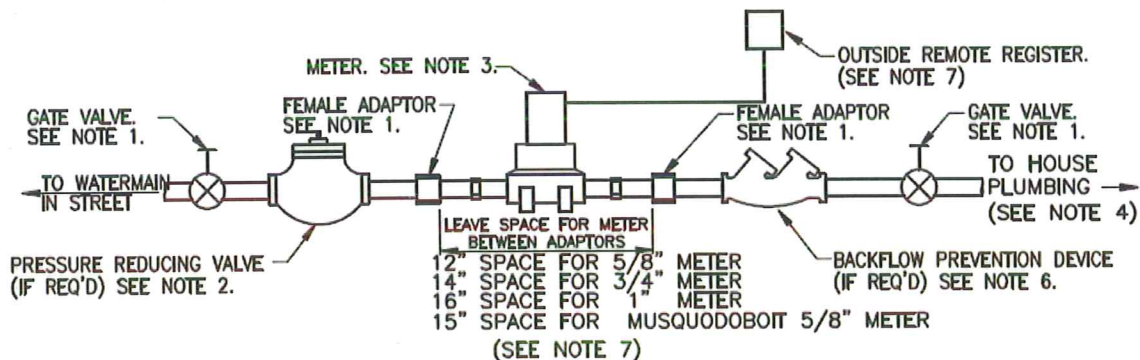
**HORIZONTAL GOOSENECK
DETAIL No. 1**



NOTES:

1. ANODE CONNECTED TO SERVICES PIPE FROM MAIN WITH GROUNDING CLAMP (#3110-U OR #3903-BU)
2. MINIMUM 300mm VERTICAL AND HORIZONTAL SEPARATION TO BE MAINTAINED BETWEEN WATER AND SEWER PIPES.
3. SEE 2388 FOR STANDARD COPPER SERVICE 38 DIA. AND LARGER.
4. SERVICES BOXES TO HAVE S.S. OPERATING RODS AND COTTER PINS.
5. PLACE SELECT BACKFILL MATERIAL, MAX. 50mm AROUND SERVICE BOX TO SUB GRADE.
6. TAPE POLYWRAPPING AT TAP LOCATION.
7. SERVICE LATERALS SHALL BE INSTALLED WITH INSULATION IN ACCORDANCE WITH SECTION 00008 (3.3.9.2)
8. BACKFILLING OF SERVICE TRENCH TO BE IN ACCORDANCE WITH SECTION 02518 (3.2.1.1)

TYPICAL COPPER SERVICE CONNECTION



1. CUSTOMER IS REQUIRED TO SUPPLY AND INSTALL FEMALE ADAPTORS AND GATE VALVES. THESE MUST BE IN PLACE PRIOR TO METER INSTALLATION.
2. WHERE REQUIRED, PRESSURE REDUCING VALVE (PRV) AND BACKFLOW PREVENTION DEVICE (BFP) ARE TO BE SUPPLIED AND INSTALLED BY CUSTOMER AND MUST BE IN PLACE PRIOR TO METER INSTALLATION.
3. ALL METERS MUST SIT LEVEL WITH BASEMENT FLOOR AND HAVE SUFFICIENT ROOM FOR MAINTENANCE.
4. IF FLEXIBLE MATERIAL SUCH AS POLYETHYLENE PIPE IS USED FOR INTERIOR PLUMBING, ONE STANDARD LENGTH OF COPPER PIPE (8'-10') MUST BE SECURED TO THE FLOOR JOIST OR WALL AND ANCHORED DOWNSTREAM OF THE METER TO PREVENT DIFFERENTIAL MOVEMENT AND JOINT LEAKAGE.
5. REMOTE REGISTER WILL BE INSTALLED ON DRIVEWAY SIDE OF BUILDING OR WHERE THE COMMISSION DEEMS SATISFACTORY.
6. FOR A TESTABLE BACKFLOW PREVENTION DEVICE, GATE VALVES MUST BE ATTACHED TO BOTH SIDES OF DEVICE.
7. THE GENERAL LAYOUT SHOWN HERE APPLIES TO METERS UP TO AND INCLUDING 1". FOR LARGER METERS, CONTACT METER DEPARTMENT FOR DETAILS AND DIMENSIONS. LEAVE 15" SPACE FOR 5/8" METER & DUAL CHECK VALVE INSTALLATION FOR MUSQUODOBOIT WATER SYSTEM.
8. COMMISSION WILL SUPPLY AND INSTALL METER COUPLINGS AND OUTSIDE REGISTER.
9. METERS TO BE INSTALLED NO LESS THAN 300mm AND NO MORE THAN 750mm FROM THE FLOOR.
10. A DUAL CHECK VALVE IS REQUIRED FOR SERVICES IN NORTH PRESTON

METER INSTALLATION 5/8" TO 1"