
**AMENDMENTS TO OPSS 410 (DEC 88)–
CONSTRUCTION SPECIFICATION FOR PIPE SEWER CONSTRUCTION
BY OPEN CUT METHOD¹**

OPSS 410.07.01.12 is amended by the addition of:

Where existing storm and sanitary sewers do not exist, the following shall apply:

The locations of all proposed service connections shown on the contract plans are schematic only. Service connections shall be installed to the property line at the specific location requested by the individual property owner. In the event that the property owner fails to specify a specific location, the service connection shall be installed at a location specified by the Commissioner, this is usually being at the centre of the property.

Storm and sanitary service connections in a common trench shall be installed in accordance with the following, in order that they may be accurately identified at the property line at a later date:

- a) The sanitary connection shall be on the right hand side of the storm connection, while facing the property from the main sewer, with a clear horizontal distance of 250 mm between outside pipe walls.
- b) The sanitary connection elevation shall be lower than the storm connection elevation with a clear minimum vertical distance of 100 mm between outside pipe walls.
- c) Should the pipe material specified in the contract be locally available in white and non-white colours, the sanitary service connection shall be non-white in colour and the storm service connection shall be white in colour. Should the pipe material specified in the contract not be locally available in white and non-white colours, the end of the sanitary service connection pipe shall be spray painted with a non-white colour, and the end of storm service connection shall be spray painted white.

OPSS 410.07.01.16.04 is amended by the addition of:

Exfiltration tests of gravity sewers will be required only when specified.

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- 1. All references to OPS specifications that have been amended (as noted in LIST W3) are superseded by references to the replacement City of Toronto specifications (as given in LIST W3).**

OPSS 410.09.01.01 is superseded by:

Measurement will be in metres horizontally over the centreline of the pipe when the grade of pipe is less than 10 % and in metres along the slope length of the pipe when the grade of the pipe is 10 % or greater.

Sewers will be paid for on a unit price basis per linear metre of sewer constructed, either single or dual sewer in trench as the case may be, and as stated in the Schedule of Unit Prices.

On storm and sanitary sewers in the same trench, measurements for payment will be made commencing from the outlet and measuring upstream along the storm sewer line, with all measurements being made from inside faces of exterior maintenance hole walls.

On storm and sanitary sewers in separate trenches, individual measurements for payment will be made on the storm sewer and on the sanitary sewer commencing from the outlet and measuring upstream along the sewer line, with all measurements being made from inside faces of exterior maintenance hole walls.

It is the intention of this specification that no payment will be made on the linear metre price bid for sewers for any pipe through any maintenance hole. All costs of any pipe between the inside faces of any maintenance holes are to be included in the lump sum price tendered for the maintenance hole.

Catch basin or ditch inlet leads shall be measured from the outside of the storm sewer at the point of connection to the inside face of the catch basin or ditch inlet at the point of connection.