



5.2.7 Materials

All water distribution system piping, fittings, and appurtenances are to be as per the *City of Dieppe Standard Municipal Specifications*.

5.2.8 Minimum Diameter

Water distribution systems must be designed and sized to meet all of the criteria outlined above, but under no circumstances shall mains be less than ~~150~~ **200** mm in diameter, **with the exception of hydrant leads which shall be 150 mm.**

5.2.9 Minimum Cover

All watermains must be designed with a minimum cover of 2.0 m as measured from the finished grade to the top of the pipe.

5.2.10 Maximum Cover

The cover as measured from the finished grade to the top of the pipe may be increased to a suitable depth to prevent freezing of either the watermain or the services, but under no circumstances shall the cover exceed 2.4 m.

5.2.11 Location

In the case of separate trench installations, the watermain must be laid adjacent to the sanitary sewer with a minimum horizontal separation of 3 m from the sanitary main.

In the case of common trench installations, the watermain must be laid adjacent to the sanitary sewer with a minimum 0.5 m horizontal separation, and a minimum 0.3 m vertical separation, with the watermain being located above the sanitary sewer.

All watermain and appurtenances must be located within the street right-of-way owned by the City of Dieppe Public Works and Engineering Department or the New Brunswick Department of Transportation. In the case of off-street servicing, all watermain and appurtenances must be located within a 6.0 m wide municipal service easement granted to the City of Dieppe Public Works and Engineering Department. Contingent upon the length and location of the municipal service easement, the Engineer may require a suitable travelled way to be provided within the easement for operations and maintenance purposes.

In the case of curb and gutter street design, all watermain and appurtenances must be located within the travelled way and no closer than 1.8 m of the curb line.

In the case of open ditch street design, all watermain and appurtenances may be located in the gravel shoulder.

In the case of municipal service easement installations, all watermain and appurtenances must be located as close as possible to the centreline of the easement.