



WATER RESOURCES / WATER SERVICES
AMENDMENT TO THE 2017 STANDARD WATER SPECIFICATIONS

We have revised Sheet 30 – Commercial Bank Metering in the Waterworks Standard Specifications in response to concerns brought by Developers and Plumbing Contractors as described below.

- In the 2016 Water Specifications, Sheet 30 mandated a single cross-control connection (CCC) device consisting of a Dual Check Valve (annual testing required) immediately above the master control valve. This protected the City system from risk of cross connection to the commercial customer. There was no provision for cross control protection between the various bays or units within the commercial development.
- For 2017, a requirement was added to improve the level of CCC protection by isolating each premise in the commercial development from each other as well as the City system. This results in more devices and more testing being required at each banked commercial meter tree installation. Feedback from the Development and Plumbing industry was that this approach was excessive, as not all commercial bay occupants conducted business that required premise isolation under the Canadian Plumbing Code.
- This most recent revision reverts to the previous practice of a single testable CCC device at the service entry immediately into the commercial development protects the City system and indicates that the premise use of each unit or bay of the development dictates whether or not another testable CCC device is required. The onus for protecting the water services of the occupants of the development from each other is clearly stated by reference to the Canadian Plumbing Code and rests with the owner of the building.

Revised drawing can be accessed online through:

<http://www.calgary.ca/PDA/pd/Pages/Urban-Development/Urban-Development-publications.aspx>

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