



URBAN DEVELOPMENT INSTITUTE - CALGARY

TECHNICAL BULLETIN #39

2005 Standard Specifications for Sewer Construction

May 13, 2005

As a result of negotiations with Calgary Wastewater, please be advised of the following changes to the 2005 Standard Specifications for Sewer Construction:

Effective immediately Wastewater will resume review and approval of the Standard Installations Direct Design (SIDD) on a case by case basis. The development industry will continue to use the 2005 Standard Specifications for Sewer Construction "general version" for the remainder of 2005 including the following concessions:

- Concrete pipe joint pulls – specifications for curved sewers have been revised. Please refer to the 2005 Standard Specifications for Sewer Construction section 403.05.01 for details.
- Deflection Testing (Mandrel) of Flexible Pipe – requirement for testing will be at the CCC stage only (at least 30 days after backfilling) on a select number of projects that will be determined by Wastewater. Wastewater will contact individual consultants to confirm the projects that will require testing.
- Bedding Materials – for all concrete and PVC pipe sizes 375mm and smaller the specifications will permit the use of 40mm drain rock within the pipe zone as has been the practice to date. 20mm maximum particle size bedding material must be used on PVC profile pipe as per the current specifications.

Future changes will include a requirement for deflection testing at both CCC & FAC and the use of the 20mm maximum particle size bedding material for pipes 375 mm and less beginning January 1, 2006.

If you have any questions, please do not hesitate to contact the UDI – Calgary office.

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