

1. SUBJECT: ABANDONMENT OR REUSE OF EXISTING PRIVATE DRAIN CONNECTIONS**2. DEFINITION**

A “private drain connection” (PDC) is a privately owned gravity pipe carrying storm and/or sanitary flows from private property to the municipal sewer mains.

3. DRAWINGS

AS-313 – Private Drain Details (Single)

AS-318 – Wye Connection

4. BEST PRACTICE

A developer or property owner shall use existing PDC’s where possible and abandon any PDC’s that may become redundant following the development. All backfill and restoration shall be to City Standards.

1. Reuse of Existing PDC’s:

- a) Reuse of an existing PDC to service a property may be permitted where said PDC has been video inspected, at the developer’s entire cost, and approved by the City Engineer (or designate) to ensure its suitability for reuse.
- b) Reuse of an existing PDC shall be at the risk of the developer.
- c) Re-lining or other trenchless methods of repair may be considered for existing PDC’s at the discretion of the City Engineer. The developer may be required to provide a video inspection for review by the City Engineer to determine the appropriateness of the proposed trenchless method.

2. Abandonment of PDC’s:**a) New Developments**

Any existing PDC which may become redundant following the development of a property shall be abandoned as follows:

- *PVC material only* – PDC shall be exposed and capped at the property line for potential future use
- *Material other than PVC* – PDC shall be properly abandoned to the main in a manner approved by the City Engineer. The PDC shall be capped or plugged at the first joint after the tee without removal of said tee.

b) Demolitions

Where the demolition does not take place concurrently with re-development of the site, all existing PDC’s shall be exposed and capped at the property line for potential future reuse. PDC locations shall be marked with a “2x4” wood stud painted green for storm PDC’s and red for sanitary PDC’s.

Where the demolition takes place concurrently with re-development, abandonment shall occur as in 2.a) above.

c) Record Keeping

Permits may be required from the Engineering Department (for work in the right-of-way) and from the Building Department (for work on private property). City of Windsor Inspectors will record the location and material of PDC's which are abandoned for record keeping purposes. Building Inspectors will forward sketches of all service abandonments to the Engineering Department's Drafting Supervisor to be attached to Amanda.

d) Variance from Best Practice

Any variance of this Best Practice will be at the discretion of the City Engineer based on unique circumstances.

5. RELATED BEST PRACTICES

N/A

6. RELATED CITY STANDARDS

- S-1 – Sewers
- S-3 – Excavation and Backfill
- S-4 – Selected Granular Base Courses
- S-5 – Concrete Curbs and Combined Curbs and Gutters
- S-6 – Concrete Sidewalk and Driveway Approaches
- S-7 – Concrete Heavy Duty Pavement, Concrete Base, Concrete Residential Pavement and Alley Pavements
- S-9 – Concrete
- S-10 – Hot Mix, Hot Laid Asphaltic Concrete
- S-12 – Dense Graded Thin Bituminous Hot Mix Surfacing
- S-14 – Sodding
- S-15 – Seeding Roadway Areas by Hydraulic Seeding and Mulch Cover Method
- S-24 – Unshrinkable Backfill
- S-25 – Clearing Blocked Sewer Connections
- S-29 – Utility Cut Restoration
- S-32 – CCTV Sewer Inspections
- S-34 – Topsoil
- S-35 – Private Drain Connections
- S-36 – Preservation of Trees

Mario Sonogo
City Engineer or Designate

July 11, 2013
Date