

**CORPORATION OF THE VILLAGE OF BARNWELL
IN THE
PROVINCE OF ALBERTA**

**MUNICIPAL ENGINEERING STANDARDS
POLICY NO. 5-99**

Purpose:

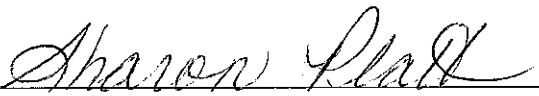
To establish Municipal Engineering Standards as a minimum design standard for subdivision development.

Policy Statement and Guidelines

The Village of Barnwell will adopt the Town of Taber, Design Guidelines for Subdivisions, Schedule "B", (1993-05), Section "D", Minimum Design Standards for Development as the Village of Barnwell Municipal Engineering Standards for Development with the exceptions and clarifications as per Schedule 1, which is attached to and forming part of this Policy.

	Date	Resolution #
Approved	Sept 16/99	137/99
Amended	June 21/07	86/07
Amended		

Bylaw/Policy Disposition	
Amends:	_____
Amended by:	03-07
Rescinds:	_____


MAYOR


ADMINISTRATOR

**VILLAGE OF BARNWELL
MUNICIPAL ENGINEERING STANDARDS**

**POLICY 5-99
SCHEDULE 'A'**

EXCEPTIONS, CLARIFICATIONS AND ADDITIONS

(refer to Town of Taber, Design Guidelines for Subdivisions, Section D - Minimum Standards for Development)

2.2.1, "Footnote 1" to be replaced with: Minimum size of 150 millimetre diameter can be used in some locations because that is the size of most existing pipelines; however, the main trunk pipelines should be 200 millimetre diameter minimum and all pipelines should be looped if possible. Short residential cul-de-sacs of six lots or less can be served with a 75 mm minimum diameter pipeline.

2.2.6 - All mains shall be installed to a minimum depth of 2.5 metres of cover below finished design grade as established for the development.

3.1.3 - Weeping tile drain may be discharged into the sanitary sewer.

3.1.4 - Consideration should be given to installing a 150 millimetre diameter tile drain parallel to the sanitary sewer. The invert elevation of the tile should be at the same elevation as the center line elevation of the sanitary sewer and outlet into the sanitary sewer manholes. The tile drain should be installed with a filter sock and a 200 millimetre envelope of crushed pitrun around it.

6.0 - ROADWAYS

Most roadways, except for Heritage Road, should have a pavement width of approx. 10 to 10.5 meters and have a curb return radius of 9 metres (exists currently). Road right-of-ways should be 20 metres wide. This is the recommended roadway elements.

VILLAGE OF BARNWELL

MUNICIPAL ENGINEERING STANDARDS

(Short Version for servicing individual lots within a developed area of the Village)

1. Water service connections are to be installed in accordance to Section "D" 2.5 Service Connections. In addition to these standards, it is recommended that a 25 mm diameter service be installed to a residential home. A 20 mm diameter water meter is to be installed as approved by the Village.
2. Sanitary sewer service connections are to be installed in accordance to Section "D" 3.4 Service Connections. In addition to these standards, a 50 mm diameter pipeline maybe used when a pressure sewage pump is being installed in the home.
3. Storm drainage from and past the lot is to be designed in accordance to Section "D" 4.1 General. The driveway into the lot and the landscaping around the lot shall not interfere with surface drainage in the area. Drainage design must be approved by the Village.

Pages attached.