

THE CORPORATION OF THE TOWNSHIP OF HILTON

By-Law No. 1316-22

Being a by-law to adopt minimum standards for the construction of roads within the Township of Hilton.

WHEREAS the Municipal Act, 2001, Section 11, provides municipalities with a broad authority over roads;

AND WHEREBY the Council for the Corporation of the Township of Hilton deems it desirous to establish minimum standards regarding the construction of roads within its jurisdiction;

NOW THEREFORE the Council of the Corporation of the Township of Hilton hereby enacts as follows:

1. All new roads constructed within the Township of Hilton shall be constructed according to the conditions outlined in the attached Schedule "A".
2. The attached Schedule "A" shall form part of this by-law.
3. This by-law rescinds By-Law No. 822-04.

READ a first, second and third time and passed in Open Council this 12th day of January, 2022.

Rodney Wood

REEVE

Valerie Obarymskuj

CLERK-TREASURER

TOWNSHIP OF HILTON

MINIMUM STANDARDS FOR ROADS AND STREETS

<u>Right-of-Way Width</u>	20 metres (66 feet)
<u>Minimum Width of Clearing</u>	15 metres (50 feet)
<u>Surface:</u>	
A) Width	9 metres (30 feet) Shoulder to Shoulder
B) Depth	15 centimetres (6 inches)
C) Type	1.5 centimetres (5/8 inches) Crushed Gravel
<u>Depth of Granular Base</u>	30 centimetres (12 inches) minimum, of which the top 15 centimetres (6 inches) is 2 inch minus. More depth may be required subject to consideration of sub-grade material.
<u>Shoulder</u>	Trimmed at 4.5 metres (15 feet) from centre line to shoulder with a 2 to 1 slope from shoulder to centre of ditch.
<u>Ditches</u>	Ditches required on all sides. Minimum depth from crown of road to bottom of ditch is to be 0.5 metres (1.5 feet), deeper as required. All ditches to be carried to sufficient outlet. No ponding (laying water). Maximum 2 to 1 Back slope.
<u>Culverts</u>	Double wall plastic pipe is required except where diameter exceeds 90 centimetres (36 inches). Minimum 45 centimetres (18 inches) diameter, larger as required.
<u>Alignment</u>	Centered within the road allowance, as straight as possible, such that a motor grader can work safe and effectively.
<u>Maximum Gradient</u>	12 % 3 % when intersecting with other roads

Prior to acceptance by the Municipality, new roads will be grubbed 15 metres (50 feet) to remove stumps, wood, large stones and humus layer (top soil). Material removed must not create an impermeable berm alongside the road. This work is subject to the inspection and approval of the Hilton Township Road Superintendent.

All roads leading to Plans of Subdivision will need to be double surface treated to a width of 6.7 metres (22 feet) before acceptance by the Municipality. The chip aggregate must be from a quarried source.

Guard rails may be required where 2 to 1 slope cannot be created or maintained.

Note: Higher requirements may be required at the discretion of the municipality.

TOWNSHIP OF HILTON

MINIMUM STANDARDS FOR CUL-DE-SACS

All non-through roads and streets shall include a cul-de-sac at the dead end thereof. Where cul-de-sacs are required, the following specifications shall apply:

Design/Alignment

Cul-de-sacs shall be designed so that normal traffic may enter, turn and exit in a continuous forward motion (i.e. without being required to stop and reverse direction). Where possible, design shall provide for traffic entering to turn away from traveled portion of road/street (i.e. turn to the right) before having to cross the alignment of the subject road/street.

Right-of-Way Width

30 metres (98.4 feet)

Clearing Width

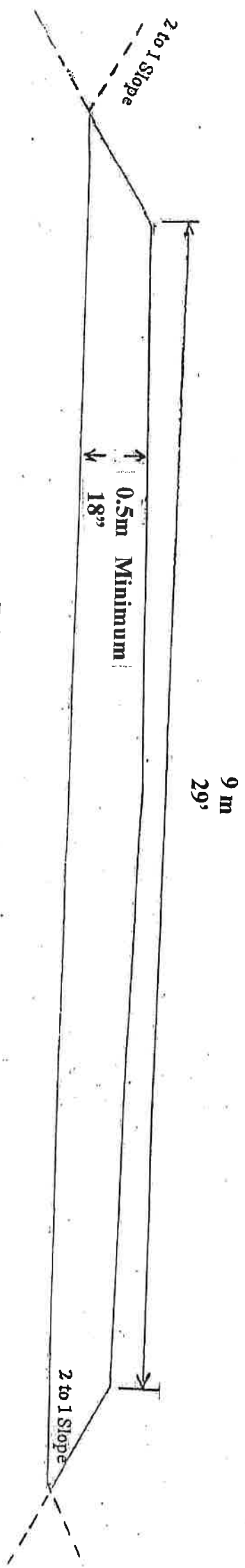
27 metres (88.5 feet)

Surface Width

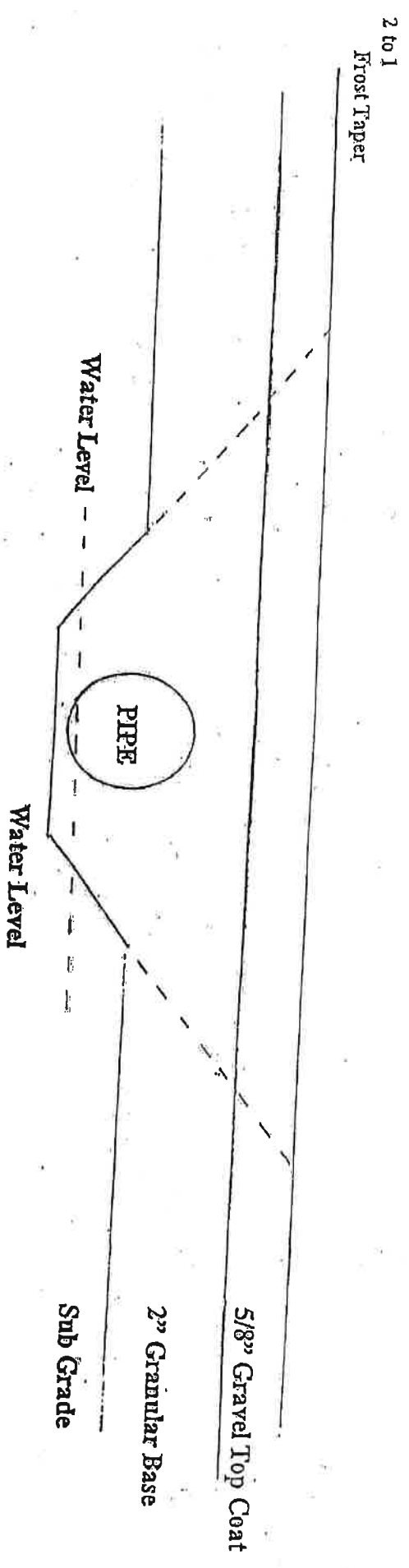
23 metres (75.5 feet)

In all other respects, cul-de-sacs shall conform to the minimum standards for the subject type of road or street.

Note: Higher requirements may be required at the discretion of the municipality.



ROAD PROFILE TEMPLATE



FROST TAPER CROSS SECTION