



**Engineering Services**  
200 King Street West  
Kitchener, ON N2G 4G7  
Phone: 519-741-2406  
www.kitchener.ca

## **CURB CUTTING/DRIVEWAY WIDENING PERMIT No. 03-2023**

**Issue Date:** February 28, 2023

**Billing Address:** 68 Rushbrook Drive  
Kitchener, ON  
N2E 3C9

This permit allows **RDK Concrete Cutting & Coring Inc.** to work within the City right-of-way at **68 Rushbrook Drive.**

By issuance of this permit the Owner agrees to contact Engineering for an inspection upon completion of the curb cut, new curbing and boulevard installation. Please note the damage deposit will not be refunded until all surface works are complete. If the curb cut and hard surface boulevard work does not meet City of Kitchener standards the owner may be billed for City Operations' staff to complete the work.

It is the contractor's responsibility to obtain a Road Occupancy Permit from the Transportation Department prior to beginning work in the right-of-way.

Nolan Beatty

**Issued By**

nolan.beatty@kitchener.ca

**Contact Information**

# 68 Rushbrook Dr \_Proposed Curb Cut / Driveway Widening

**\*ZONING DRAWING ONLY - NOT A PERMIT\***

## NOTES:

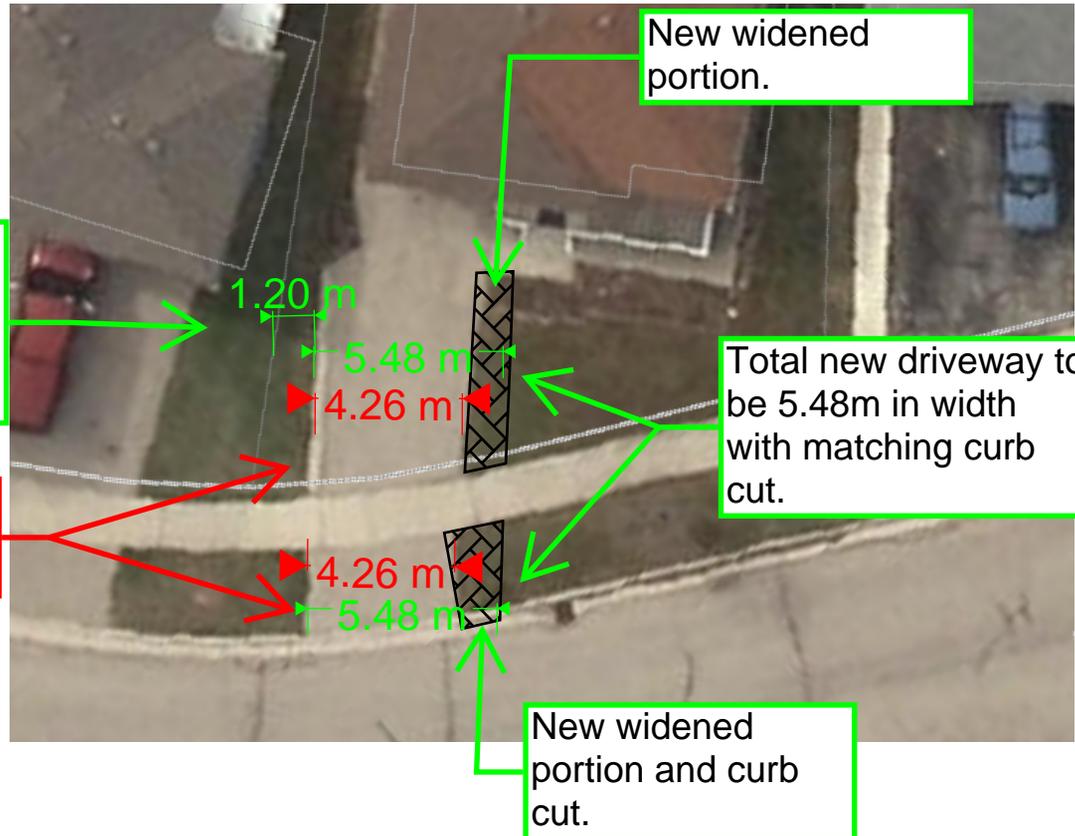
1. Entire driveway to be one consistent surface material.
2. No off-site (City property) work is allowed before permit is issued by Engineering.

Required minimum  
1.2m side yard  
setback.

Existing driveway of  
~4.26m width and  
matching curb cut.

### Legend

- Existing
- Proposed



*Do not scale image; measurements are approximate and based on City of Kitchener OnPoint Mapping*

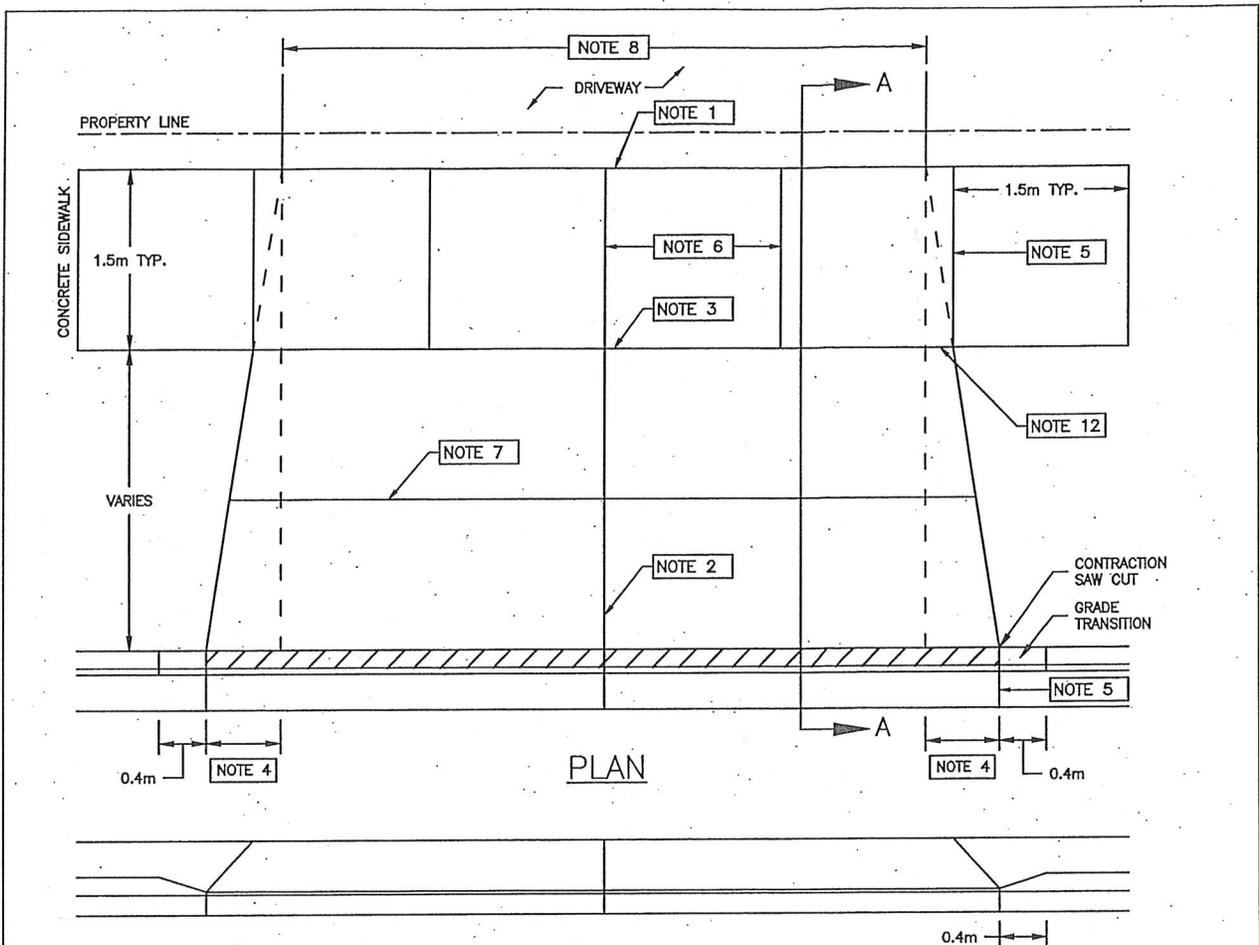


Applicant: Kamaljit Mangat  
Phone: 226-808-1712  
Email: kamalsmangat@gmail.com

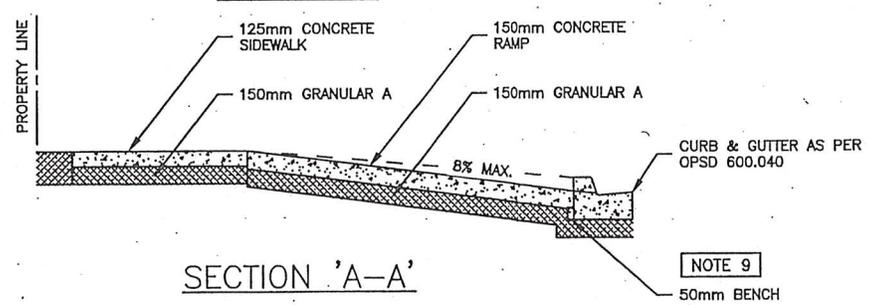
Billing Address: 272 Old Huron Rd  
Kitchener ON N2R 1P8

Lot Width: ~15.91m  
Existing Driveway Width: ~4.26m  
Maximum Driveway Width: ~7.9m  
(50% of lot width with required setback for  
RES-2 zoning)

**Proposed Driveway Width: 5.48m**  
**Proposed Curb Cut Width: 5.48m**



ELEVATION

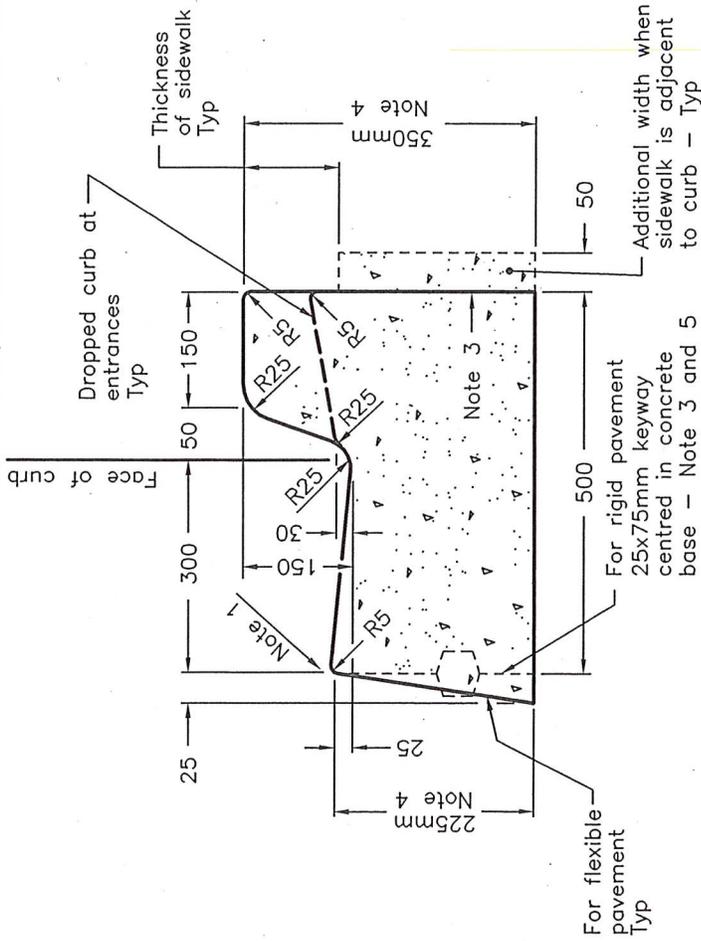


SECTION 'A-A'

GENERAL NOTES:

1. IF THE DRIVEWAY IS CONCRETE, EXPANSION JOINT MATERIAL SHALL BE INSTALLED AT THE BACK OF THE SIDEWALK.
2. SAW CUTS SHALL BE PLACED AT THE CENTRELINE OF THE DRIVEWAY RAMP AND EXTENDED THROUGH THE SIDEWALK AND CURB.
3. EXCEPT IN NEW DEVELOPMENT, DRIVEWAY RAMPS MAY BE POURED MONOLITHICALLY WITH THE ADJACENT SIDEWALK, IN WHICH CASE TOOLED SAW CUT JOINTS SHALL BE PLACED ALONG THE FRONT EDGE OF THE SIDEWALK, ACROSS THE DRIVEWAY ENTRANCE, WHERE BOULEVARD IS LESS THAN 1.5m.
4. THE DISTANCE ALONG THE CURB FROM THE EXTENDED EDGE OF THE DRIVEWAY AT THE BACK OF THE SIDEWALK TO THE BOTTOM OF THE DEPRESSED CURB SHALL BE 1/4 OF THE DISTANCE FROM THE BACK OF CURB TO THE FRONT OF SIDEWALK TO A MAXIMUM OF 1000mm, BUT SHALL NOT BE LESS THAN 500mm. NEW DEVELOPMENT SHALL BE 0.3m.
5. SAW CUTS SHALL BE PLACED IN THE SIDEWALK WHERE THE DRIVEWAY RAMP TAPER INTERSECTS AND IN THE CURB AT THE BOTTOM OF GRADE TRANSITION.
6. TOOLED JOINTS IN THE DRIVEWAY PORTION OF THE SIDEWALK SHALL BE SPACED EQUALLY TO MATCH THE TYPICAL JOINTING OF SIDEWALK AS CLOSE AS POSSIBLE.
7. WHERE DRIVEWAY RAMP WIDTH EXCEEDS 3000mm, A LONGITUDINAL SAW CUT JOINT IS TO BE PROVIDED AT THE MID-POINT.
8. ALLOWABLE RAMP WIDTHS AT THE SIDEWALK ARE BETWEEN 3.65m AND 7.30m.
9. DEPRESSED CURB AND GUTTER AT DRIVEWAY ENTRANCES SHALL HAVE AN ADDITIONAL 50mm BENCH TO SUPPORT ADJACENT CONCRETE RAMPS, REFER TO OPSD 600.040.
10. REFER TO OPSD 350.010 FOR COMMERCIAL/INDUSTRIAL RAMP DESIGN.
11. REFER TO CITY OF KITCHENER STANDARD SPECIFICATIONS AND THE DEVELOPMENT MANUAL FOR FURTHER INFORMATION.
12. FOR NEW DEVELOPMENT, RAMP WIDTH AT FRONT OF SIDEWALK IS TO EQUAL THE WIDTH OF THE DRIVEWAY AT THE BACK OF SIDEWALK.

<p>STANDARD DROP CURB AND DRIVEWAY RAMP DETAILS</p>	<p>The Corporation Of The <b>CITY OF KITCHENER</b></p>					Scale:	N.T.S.
	1	MANUAL UPDATE	JULY 2012	Rev. Date:	JUNE 2010		
	No.	REVISION	DATE	Std. No.:	109		



### TANGENT

#### LEGEND:

S - Rate of pavement superelevation in percent, %.

#### NOTES:

- 1 Flexible and composite pavement shall be placed 5mm above the adjacent edge of gutter.
- 2 When sidewalk is continuously adjacent, the dropped curb at entrances shall be reduced to 75mm.
- 3 For slipforming procedure a 5% batter is acceptable.
- 4 For composite pavement the depth of concrete curb shall be adjusted to depth of concrete pavement.
- 5 When tie bars are specified, refer to OPSD 552.010 and 552.020 for details.

A Treatment at entrances shall be according to OPSD 351.010.

B Outlet treatment shall be according to the OPSD 610 Series.

C The transition from one curb type to another shall be a minimum length of 3.0m,

except in conjunction with guide

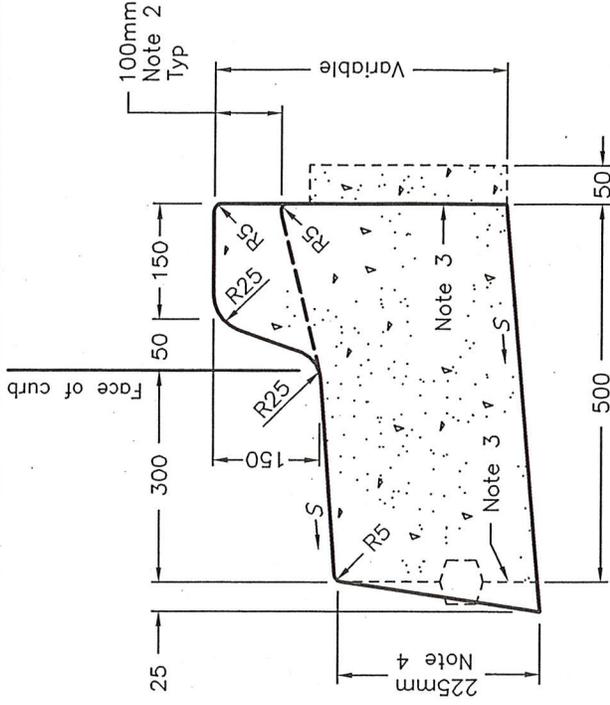
rail where it shall be according

to the OPSD 900 Series.

D All dimensions are in millimetres

unless otherwise shown.

### SUPERELEVATED



ONTARIO PROVINCIAL STANDARD DRAWING

Nov 2012 Rev 2

CONCRETE BARRIER CURB  
WITH STANDARD GUTTER



OPSD 600.040