Detail UL / Commercial Industrial Driveway Curb Returns at Street Curb

DETAIL UL

CONCRETE SIDEWALK

EXPANSION JOINT

CONSTRUCTION JOINT

NOTES:
1. WHERE SIDEWALK IS IN BOULEVARD, THE CONSTRUCTION JOINT SHALL BE BETWEEN SIDEWALK AND STREET CURB.
2. CONSTRUCTION JOINTS ON STREET CURB SHALL BE LOW FROM MATCH OF FACE OF CURBS.
3. FULL DEPTH EXPANSION JOINT MATERIAL REQUIRED AT ALL CONSTRUCTION JOINTS.
4. CONCRETE SHALL BE CSA C-2, OR C-2 HIGH EARLY.
5. DISTANCE FROM BACK OF STREET CURB IN FLAT AREA TO FRONT EDGE OF DRIVEWAY CURB SHALL BE 300mm.
6. SHADED AREA TO BE POURED MONOLITHICALLY.
7. HEAVY DUTY CURB DETAIL REFERENCE STANDARD 2230.020.

MISSISSAUGA
COMMERCIAL INDUSTRIAL DRIVEWAY CURB RETURNS AT STREET CURB
EFF. DATE: DEC 2015 | SCALE N.T.S.
REV. 1 | APRIL 2017 | STANDARD No. 2240.031

TANGENT | SUPERELEVATED

NOTES:
1. FLEXIBLE AND COMPOSITE PAVEMENT SHALL BE PLACED 5mm ABOVE THE ADJACENT EDGE OF GUTTER.
2. FOR SLIPFORMING PROCEDURE A 5:1 BATTER IS ACCEPTABLE.
3. FOR COMPOSITE PAVEMENT THE DEPTH OF CONCRETE CURB SHALL BE ADJUSTED TO DEPTH OF CONCRETE PAVEMENT.
4. WHEN TIE BARS ARE SPECIFIED, REFER TO OPSD 552.010 AND 552.020 FOR DETAILS.
5. OUTLET TREATMENT SHALL BE ACCORDING TO THE OPSD 610 SERIES.
6. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN.

MISSISSAUGA
DEPRESSED CONCRETE CURB WITH STANDARD GUTTER AT COMMERCIAL/INDUSTRIAL ENTRANCES
EFF. DATE | SCALE N.T.S.
REV. 2016-09-21 | STANDARD No. 2230.020

METRIC

DETAIL UL

CONCRETE SIDEWALK

NOTES
1. WHERE SIDEWALK IS IN BOULEVARD, THE CONSTRUCTION JOINT SHALL BE BETWEEN SIDEWALK AND STREET CURB.
2. FULL DEPTH EXPANSION JOINT MATERIAL REQUIRED AT ALL CONSTRUCTION JOINTS.
3. CONCRETE SHALL BE CSA C-2, OR C-2 HIGH EARLY.
4. HEAVY DUTY CURB DETAIL REFERENCE STANDARD 2230.020.

MISSISSAUGA
COMMERCIAL INDUSTRIAL DRIVEWAY CURB RETURNS AT STREET CURB
EFF. DATE APRIL 2017 | SCALE N.T.S.
REV. | STANDARD No. 2240.030

Tactile Walking Surface Indicator and Curb Ramp Detail

DROPPED CURB

CROSS SECTION OF TACTILE WALKING SURFACE INDICATORS

MISSISSAUGA
TACTILE WALKING SURFACE INDICATOR AND CURB RAMP DETAIL
EFF. DATE DEC 2015 | SCALE N.T.S.
REV. | STANDARD No. 2240.008

All dimensions are in millimetres unless otherwise shown.

Driveway Dimensions

DETAIL A

LAND USE	WIDTH m				RADIUS m	
	One-Way		Two-Way			
	min	max	min	max	min	max
Light Industrial, Commercial, and Apartment	4.5	7.5	7.2	12.0	4.5	12.0
Heavy Industrial	5.0	9.0	9.0	15.0	9.0	15.0

PLAN

NOTES:
A. All dimensions are in millimetres unless otherwise shown.

ONTARIO PROVINCIAL STANDARD DRAWING | Nov 2018 | Rev 2
URBAN INDUSTRIAL, COMMERCIAL, AND APARTMENT ENTRANCES
OPSD 350.010

SECTION A-A N.T.S. | SECTION B-B N.T.S.

ELEVATION VIEW N.T.S.

NOTES:
1. 'Y' = 900mm MINIMUM. IF LESS THAN 900mm CONTINUOUS DROPPED CURB MAY BE REQUIRED AT DISCRETION OF THE COMMISSIONER OF TRANSPORTATION & WORKS.
2. THIS STANDARD TO BE USED IN CONJUNCTION WITH CITY OF MISSISSAUGA STANDARD DRAWING No. 2240.010 AND OPSD 600.0
3. NO CATCHBASINS TO BE LOCATED WITHIN THIS AREA.
4. GROOVES TO ALIGN DIRECTIONALLY WITH CROSSWALKS.

MISSISSAUGA
STANDARD PEDESTRIAN SIDEWALK ENTRANCES AT INTERSECTIONS BARRIER CURB
EFF. DATE 2015-03-27 | SCALE N.T.S.
REV. 4 2015-03-27 | STANDARD No. 2240.020

METRIC
ALL DIMENSIONS IN MILLIMETRES

NOTES:
1. CONCRETE TO BE AS PER OPSS 351.
2. BEDDING TO BE SPECIFIED.
3. THIS STANDARD TO BE READ IN CONJUNCTION WITH STD. 2240.00

MISSISSAUGA
STANDARD CONCRETE SPLASH PAD
EFF. DATE 2015-03-30 | SCALE N.T.S.
REV. 4 2015-03-30 | STANDARD No. 2240.041

Accessible Parking Sign Requirements

THE CORPORATION OF THE CITY OF MISSISSAUGA

ACCESSIBLE PARKING SIGN REQUIREMENTS

ACCESSIBLE PARKING BY-LAW # 10-2016

Accessible Parking Signs shall be mounted on a level wall surface or mounted on a permanent post, pillar, or other suitable surface, conforming to the requirements or regulations made under the Highway Traffic Act and the Accessibility for Ontarians with Disabilities Act, and be located:

- At a height of 1200 mm (47 in.) from the ground/floor surface to the bottom edge of the sign;
- If mounted on a post, the post shall be colour contrasted with the background environment;
- For perpendicular parking centred on the parking space; and
- For parallel parking located toward the end of the parking space, on the opposite side from the access aisle.

Each **Type 'A' Parking Space** shall have two (2) 150 mm x 300 mm (6 inches x 11 ¾ inches) signs, on the same sign post/wall mount and located immediately below the sign described in sections 9 and 11, with the words "Van Accessible" followed underneath with "Maximum Fine $5,000.00", as illustrated in Schedule "C" of Accessible Parking By-law 10-2016.

Each **Type 'B' Parking** Space shall have a 150 mm x 300 mm (6 inches x 11 ¾ inches) sign, on the same sign post/wall mount and located immediately below the sign described in sections 9 and 11, with the words "Maximum Fine $5,000.00", as illustrated in Schedule "C" of Accessible Parking By-law 10-2016.

Sign Face:
- 0.064 mm gauge aluminum sign blank
- white background
- holes-metro punched

Mounting:
Secure the sign face to a post or wall with two galvanized 12 mm hex. head bolts and nuts with flat washers on both sides.

Black colour font (min. size 25 mm) - White Reflective Background

Maximum Fine $5000.00	Van Accessible
300 mm (11-3/4 in.)	300 mm (11-3/4 in.)

Sign Face:
300 mm min. x 450 mm min.

Type 'A' Space Only

Van Accessible

- Black Letter 'P' and Border
- 20 mm Red Reflective Circular Background
- 15 mm Red Reflective Stroke
- White Reflective Background
- White Reflective Symbol and Border
- Blue Reflective Background and Border
- Black Legend

BY PERMIT ONLY

Pavement Marking
International Symbol of Access - One in Each Accessible Parking Space

- White Symbol and Border
- Blue Background
- Grid for Reference Only

1525 mm / 1525 mm / 76.25 mm X 76.25 mm

Post:
100 mm X 100 mm Pressure Treated Wood or 75 mm Galvanized Standard Steel Pipe Post to be Cast In Place in 300 mm Diameter Concrete Footing

Expansion Joint Around Footing

MISSISSAUGA

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CLIENT: Forest Green Homes
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PROJECT NAME: Vic 2
150 RUTLEDGE RD.
Mississauga (Streetsville)
Ont.

DRAWN BY: CM, DQ
CHECKED BY: RP, PP
DATE: 06/29/21
SCALE:

DWG. TITLE: STANDARD DETAILS

PROJECT NO. 22-03 | A108

DATE | ISSUED FOR