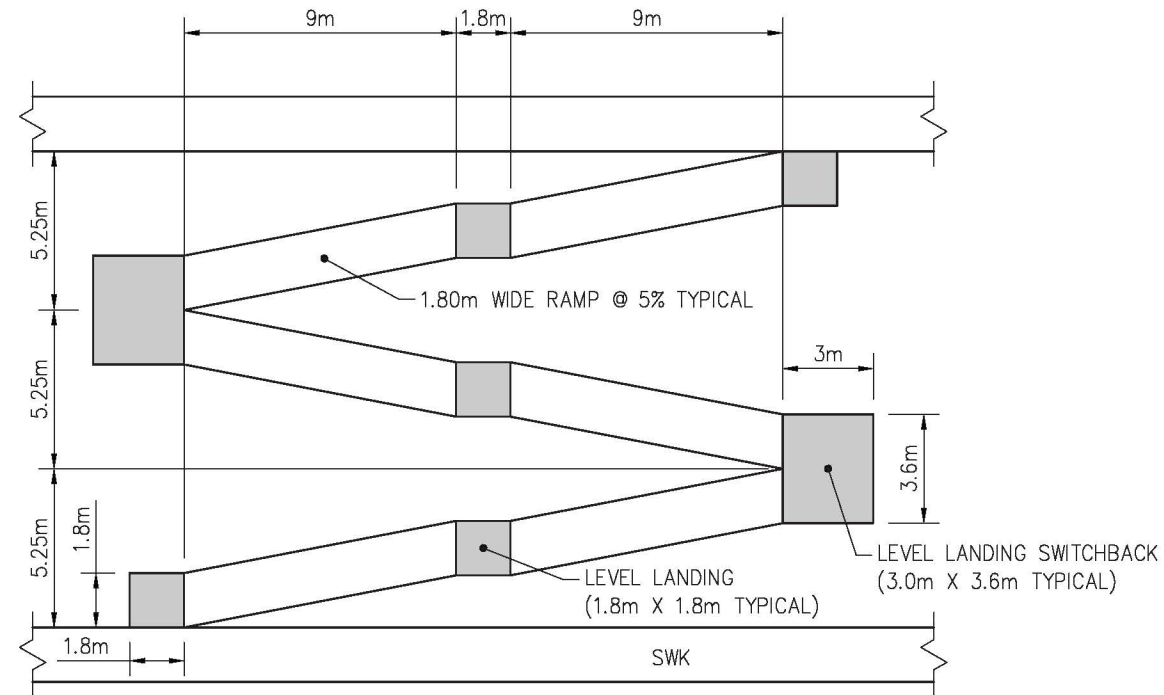


SIDEWALK RAMP GRADE CRITERIA *	
ADJACENT TO PUBLIC ROW	
MAXIMUM SIDEWALK GRADE ADJACENT TO ROADWAY	NO LIMIT IF IT FOLLOWS THE GRADE OF THE STREET
MAXIMUM CROSS SLOPE	2%
NOT ADJACENT TO PUBLIC ROW	
MAXIMUM SIDEWALK RAMP GRADE WITHOUT RAILINGS	5% (1V:20H)
MAXIMUM RAMP GRADE WITH HANDRAILS AND LANDINGS	8.3% (1V:12H)

* PED FACILITIES (AASHTO) EXHIBIT 3-11 PG 63

EXAMPLE SHOWN:

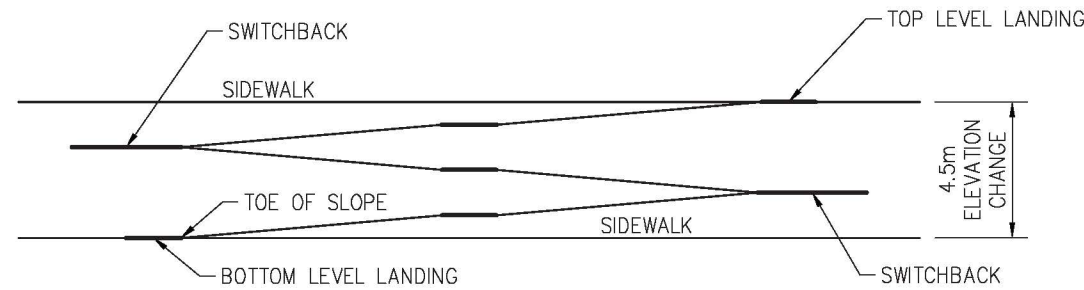
- 3.5:1 ROADWAY SIDE SLOPE
- 1.8m X 1.8m LEVEL LANDINGS / 3.0m X 3.6m AT SWITCHBACKS
- 9.0m HORIZONTAL RUNS PER 0.75m ELEVATION RISE (1V:12H)
- DOES NOT EXTEND TOE OF SLOPE
- BALANCE OF CUT AND FILL



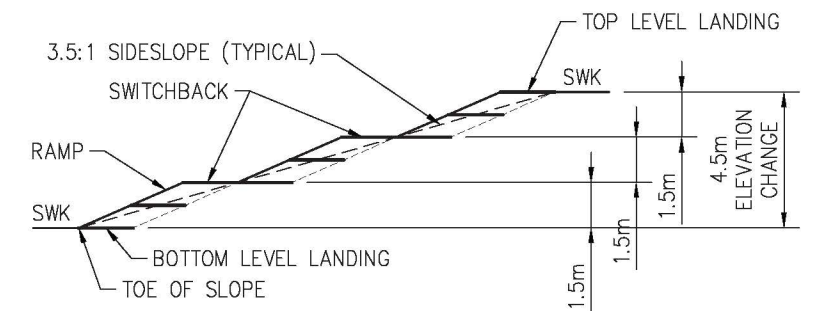
PLAN VIEW

REFERENCES:

- GUIDE FOR THE PLANNING, DESIGN, AND OPERATION OF PEDESTRIAN FACILITIES (AASHTO)
- AMERICANS WITH DISABILITIES ACT (ADA)
- STANDARDS FOR ACCESSIBLE DESIGN CAN/CSA-B651-12



FRONT ELEVATION VIEW



END ELEVATION VIEW

NOTES:

1. A WALKWAY WITH A SLOPE GENTLER THAN 5% (1:20) IS NOT CONSIDERED A RAMP AND MAY BE ANY LENGTH (CSA-B651-12).
2. RAMPS SHALL HAVE LEVEL LANDINGS AT THE TOP & BOTTOM OF EACH RUN AND ALSO WHERE THE RAMP CHANGES (CSA-B651-12 4.3.4.1) DIRECTION.
3. RAMP SLOPE SHALL NOT BE STEEPER THAN 8.3% (1V:12H) AND MAX HORIZ. LENGTH BETWEEN LANDINGS SHALL NOT EXCEED 9.0m (CSA-B651-12 4.3.1).
4. MAXIMUM CROSS SLOPE SHALL BE 2% (CSA-B651-12).
5. HANDRAIL REQUIREMENTS SEE NBCC-2010.

PLAN DESCRIPTION/REVISION	DATE	BY
1 ORIGINAL STANDARD DRAWING	2013-OCT-09	LCI
2 UPDATED PLAN VIEW LENGTH	2017-JAN-26	
3 UPDATED TO ALIGN WITH THE DESIGN & DEVELOPMENT STANDARDS	2020-FEB-13	PRZ
3 MANUAL AND POLICY C07-030 -- STREET DESIGN	2020-FEB-13	PRZ



ROADWAY SIDESLOPE RAMP
PEDESTRIAN ACCESS ROUTE
WHEELCHAIR ACCESSIBLE

APPROVALS

<i>Chelsea Lanning</i> Chelsea Lanning (Apr 23, 2020)	<i>Matt Jurkiewicz</i>
SIGNATURE Chelsea Lanning	SIGNATURE Matt Jurkiewicz
NAME Apr 23, 2020	NAME Apr 30, 2020
DATE SIGNED	DATE SIGNED

SCALES:
HOR. 1:250
VERT. 1:250

PLAN NO.
102-0002-057r003