



Wheelchair Ramp Information

In order to issue a building permit for the construction of a wheelchair ramp, the applicant must submit:

- ✓ Completed building permit application
- ✓ Method of payment
- ✓ Two complete sets of construction drawings
- ✓ A copy of the site plan showing the size, shape and position of the proposed ramp on the lot

Wheelchair Ramp Permit Fees

Building Permit	\$75.00
Safety Codes Fee	\$ 4.50



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 www.ijd.ca
 permits@ijd.ca

PERMIT # _____

BUILDING PERMIT APPLICATION FORM

Permit Applicant: Owner Contractor/Engineer Application Date (mm/dd/yyyy): _____
 New Home Warranty No.(if applicable): _____ Estimated Project Completion Date (mm/dd/yyyy): _____

Owner Name: _____ **Mailing Address:** _____
 City: _____ Province: _____ Postal Code: _____ Phone: _____
 Cell: _____ Email: _____ Fax: _____

Contractor Name: _____ **Mailing Address:** _____
 City: _____ Province: _____ Postal Code: _____ Phone: _____
 Cell: _____ Email: _____ Fax: _____

Project Location: Municipality: _____ Subdivision/Hamlet : _____
 Street/Rural Address: _____ Unit: _____ Lot: _____ Block: _____ Plan: _____
 Legal Subdivision: Part of: _____ Section: _____ Township: _____ Range: _____ West of: _____ M
 Description of Work: _____

Work has not started Work is in progress Work is complete

TYPE OF OCCUPANCY	TYPE OF WORK	BUILDING AREA
<input type="checkbox"/> Single Residential <input type="checkbox"/> Multi-family <input type="checkbox"/> Farm/Ranch <input type="checkbox"/> Commercial <input type="checkbox"/> Industrial <input type="checkbox"/> Institutional <input type="checkbox"/> Manufactured/Mobile Home <input type="checkbox"/> Oil and Gas <input type="checkbox"/> Other: _____	<input type="checkbox"/> New <input type="checkbox"/> Addition <input type="checkbox"/> Renovation <input type="checkbox"/> Relocation/Ready to Move <input type="checkbox"/> Change of Occupancy/Use <input type="checkbox"/> Accessory Building <input type="checkbox"/> Shed <input type="checkbox"/> Deck <input type="checkbox"/> Secondary Suite <input type="checkbox"/> Tenant Improvement <input type="checkbox"/> Basement Development <input type="checkbox"/> Demolition <input type="checkbox"/> Swimming Pool/Hot Tub	<input type="checkbox"/> Garage <input type="checkbox"/> Detached <input type="checkbox"/> Attached <input type="checkbox"/> Temporary Structure Removal Date: _____ <input type="checkbox"/> Foundation Type: _____ <input type="checkbox"/> Manufactured/Mobile Home CSA No.: _____ AMA No.: _____ <input type="checkbox"/> Wood Burning/Pellet Stove/Fireplace Certification No.: _____ <input type="checkbox"/> Other: _____ Value of Material & Labour \$ _____
		<input type="checkbox"/> Ft ² <input type="checkbox"/> M ² Main Area: _____ 2 nd Floor: _____ Basement: _____ Developed at time of Construction: <input type="checkbox"/> Yes <input type="checkbox"/> No Total Developed Area: _____ No. of Storeys: _____ Garage: _____ Deck: _____ Shed: _____

Permit Applicant Declaration: The permit applicant certifies that this installation will be completed in accordance with the Alberta Safety Codes Act and Regulations and work will commence within 90 days. The permit applicant/owner acknowledges that as per Section 12(2) of the Alberta Safety Codes Act, IJD Inspections Ltd. is not liable for any decision related to the system of inspections, examinations, evaluations and investigations including but not limited to a decision relating to their frequency and the manner in which they are carried out. **F.O.I.P. Notification:** Personal information is collected under the authority of Section 33(c) of the Alberta Freedom of Information and Protection of Privacy Act and will be protected under Part 2 of that Act and section 63 of the Safety Codes Act. This permit expires in 1 (one) year from date of issuance unless an extension is requested in writing prior to expiration and granted by the Safety Codes Officer or Jurisdiction having Authority.

Permit Applicant's Name (print) _____ **X** Permit Applicant's Signature _____

Permit Fees	
Permit Fee: \$ _____	SCC Levy: \$ _____ Total Cost: \$ _____
SCC levy 4% of the permit fee with minimum of \$4.50 and a maximum of \$560.00	
Purchase Order No.: _____	
<input type="checkbox"/> Cash <input type="checkbox"/> Debit <input type="checkbox"/> Cheque <input type="checkbox"/> Credit Card: _____	Expiry _____

Permit Validation Section: (to be completed by the Permit Issuer)

Special Conditions: _____

Other Permits Required (under separate application): Electrical Plumbing Gas PSDS

Permit Issuer's Name: _____ Permit Issuer's Signature: _____
 Designation No.: _____ Permit Issue Date (mm/dd/yyyy): _____

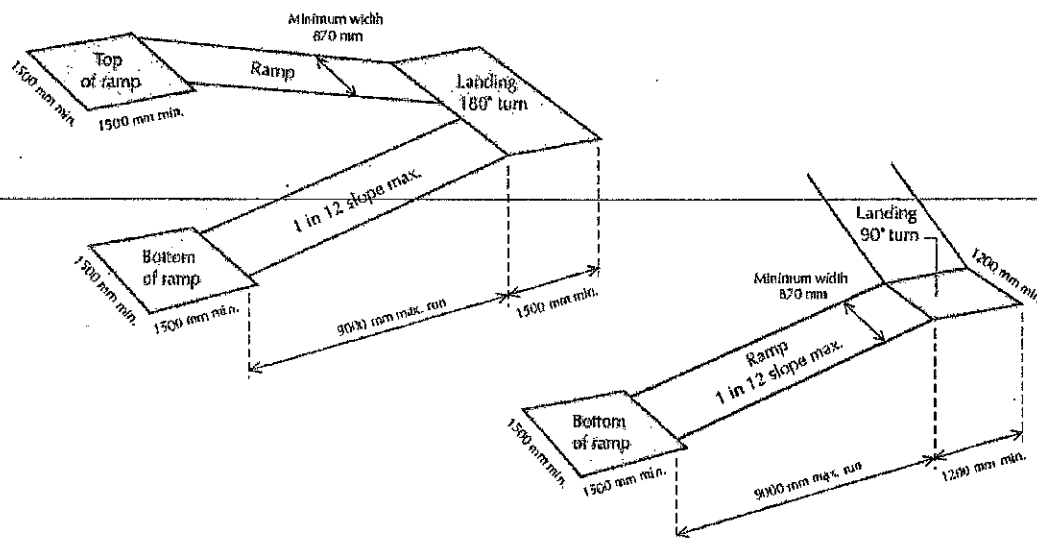
Any part of a path that has a slope steeper than 1 in 20 in a barrier-free path of travel must be designed as a ramp. A curb on the ramp helps to prevent the front guide wheels of a wheelchair from accidentally going over the edge where the drop off exceeds 75 mm. A 75 mm curb is required to help guide a person who has a visual impairment or is blind and may use a cane.

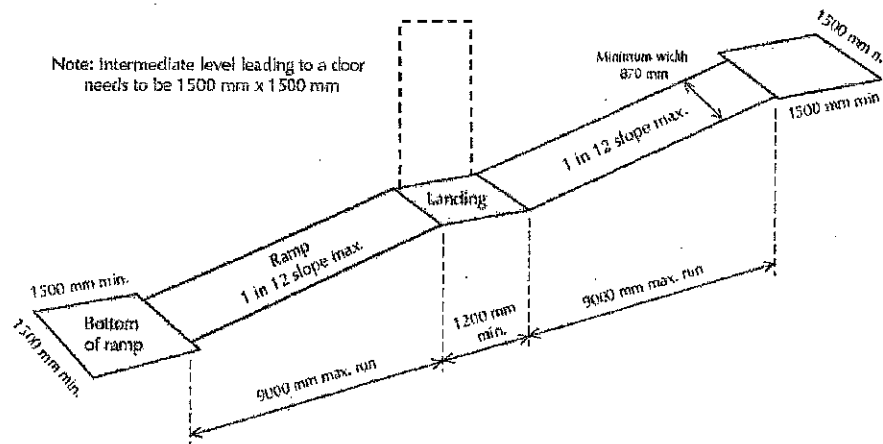
The requirement to have an area free from obstructions is primarily to aid persons with visual impairments and persons who are blind or elderly who may require the use of a mobility aid. Examples of obstructions are directional signs, tree branches and guy wires. Overhead objects (e.g., signage, tree branches/limbs, free-standing staircases/escalators) should be at a height or 1 980 mm or greater to avoid becoming a hazard.

Ramps

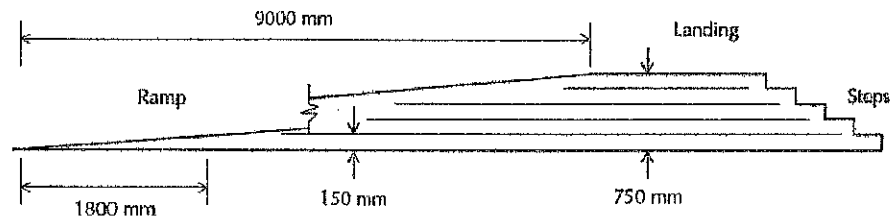
3.8.3.4. Ramps

- 1) A ramp located in a barrier-free path of travel shall
 - a) have a width of not less than 870 mm between handrails,
 - b) have a slope of not more than 1 in 12, (See Appendix A.)
 - c) have a level area not less than 1 500 by 1 500 mm at the top and bottom and at intermediate levels of a ramp leading to a door, so that on the latch side the level area extends not less than
 - i) 600 mm beyond the edge of the door opening where the door opens towards the ramp, or
 - ii) 300 mm beyond the edge of the door opening where the door opens away from the ramp
 (See Appendix A.)
 - d) have a level area not less than 1 200 mm long and at least the same width as the ramp at intervals of not more than 9 m along its length,
 - e) except as permitted by Sentence (2), be equipped with handrails and guards conforming to Articles 3.4.6.4. and 3.4.6.5.,
 - f) have a level area not less than 1 200 by 1 200 mm where a ramp makes a 90° turn,
 - g) have a level area not less than 1 500 by 1 500 mm where a ramp makes a 180° turn.

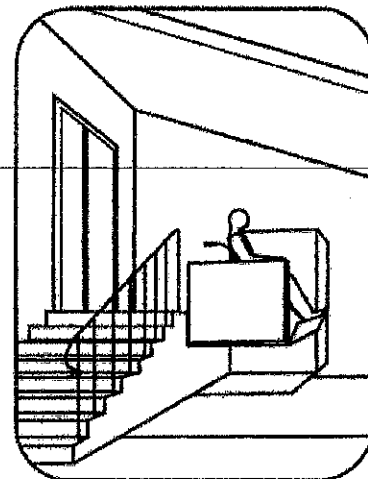




Ramps with a gradient of more than 1 in 10 may be difficult for someone with limited upper body strength and/or mobility, or for an elderly person who uses a mobility aid, to manage. Even though they pose less of a problem for people using motorized wheelchairs, such ramps can be unsafe to descend for every person, especially if covered by snow and ice. Although Article 3.8.3.4. permits slopes on ramps of 1 in 12 for distances of up to 9 m, gradients of 1 in 20 are safer and less strenuous for the user.



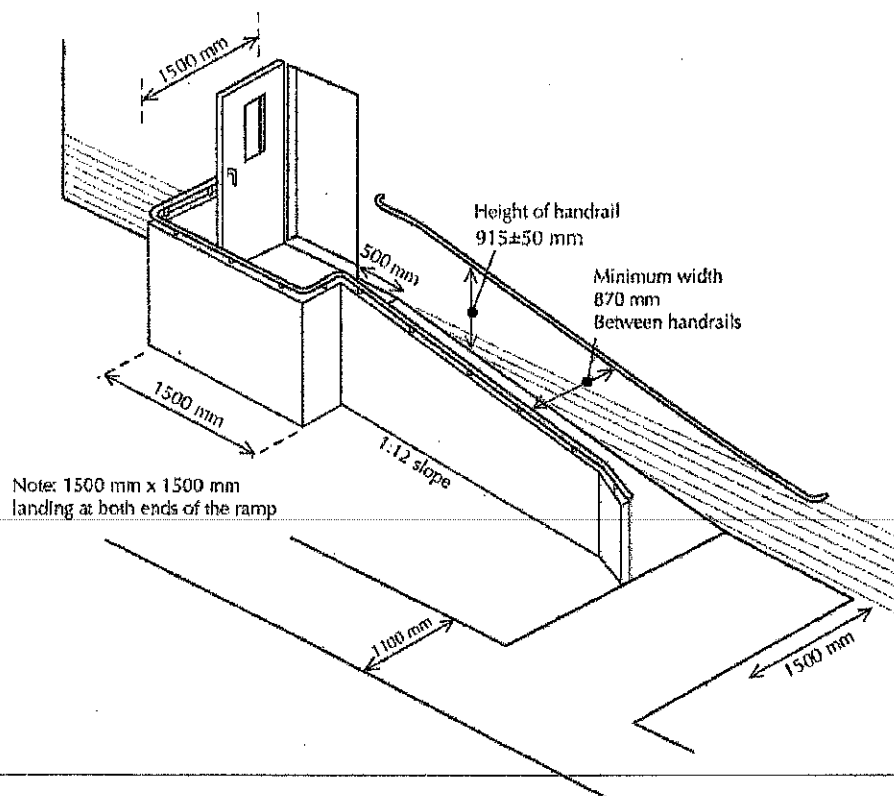
RAMPS	
Length (mm)	Rise (mm)
1 000	83
1 800	150
2 000	166
3 000	250
3 600	300
4 000	333
5 000	416
5 400	450
6 000	500
7 000	583
7 200	600
8 000	667
9 000	750



A 15 mm wide strip that is contrasting in colour and texture shall be used at the top of ramps to warn users of a change in elevation. Ramps in a barrier-free path of travel must have a minimum unobstructed width of 870 mm and a maximum slope of 1 in 12.

A level landing of at least 1 500 mm by 1 500 mm is required at the top and bottom of the ramp. Intermediate landings shall be provided at intervals of not more than 9 m. This allows for an opportunity for a person to stop and rest if necessary. These landings should be at least the width of the ramp and 1 200 mm in length.

Where ramps are used and are not part of a barrier-free path of travel, the maximum gradient may exceed 1 in 12 and is dependent on the type of occupancy involved. (See Article 3.4.6.6.) Where alternate routes are provided for persons with disabilities, signs are required to give directions.



3.4.6.6. Ramp Slope

(See also Article 3.8.3.4.)

- 1) Except as required for aisles in Article 3.3.2.5., the maximum slope of a ramp shall be
 - a) 1 in 10 in any assembly occupancy, care or detention occupancy or residential occupancy,
 - b) 1 in 6 in rooms or floor areas classified as mercantile occupancy or industrial occupancy,
 - c) 1 in 8 in any other floor area, and
 - d) 1 in 10 for an exterior ramp.

Protection at Sides of Ramps

A variety of provisions can be used to prevent people using wheelchairs or other mobility aids from accidentally going over the edge of a ramp. Curbs are often combined with handrails and guards.

3.8.3.4. Ramps

- 2) The requirement for handrails in Clause (1)(e) need not apply to a ramp serving as an aisle for fixed seating.
- 3) Floors or walks in a barrier-free path of travel having a slope steeper than 1 in 20 shall be designed as ramps.

