



BARRIER-FREE ACCESSIBLE RAMP: PROJECT GUIDE

Applicant & Designer: The following guideline will assist in preparing a complete application, and refers to required drawings based on project type, from the Town of Smiths Falls Building By-Law.

- **Designer;** Prepare **Two (2) Full Sets of Working Drawings** dimensioned/detailed to scale:

Site Plan Design; to meet Town Zoning By-Law & any other related approvals:

- Site Plan; Clearly show the proposed ramp configuration by location with **yard setback to lot line, sidewalk and existing building**. Include proximity to any services, utilities and/or easement. If available, provide copy of existing Land Survey of record. A ramp can not be located within any publicly owned easement.

Structural Building Design; to meet Ontario Building Code & Town Building By-Law:

- Foundation Plan with Deck floor framing layout; Specify footing type, beam, joist, etc.;
- Ramp Floor Plan; Dimension frame, locate stairs and specify type of guards/handrail.
- If any Upper Deck Floor Plan; Detail supporting frame and type of guards/handrail.
- Building Elevations; Show front and side views of the new ramp with guard/handrails, slope % and landings top and bottom. Height to grade from landing.
- Building Cross-section Detail; Structural Foundation detail of floating precast pier design on compact fill, or grade depth foundation. Do not attach to existing building.
- Designer to complete the form of 'Schedule 1: Designer Information'

Important Accessible Ramp Design notes to meet code; Maximum slope of 1 in 12 gradient, level area 1.67m long x width of ramp at change in right angle direction (or max. 9.0m intervals), minimum width of 900mm between handrails, handrails on both sides of ramp continuously graspable and min. 865-965mm high, extend 300mm top and bottom of ramp with min. 50mm clearance to wall, guard if over 610mm to grade at min. 1070mm high with no horizontals between 140-900mm in height, 50mm high curb on any side of ramp where no wall or guard. Refer to Ontario Building Code section 3.8.3.4 Ramps for all minimum requirements.

Applicant: File form '**Application for a Permit to Construct**' with above drawings;

- If Agent signs application; Owner to authorize agent to act on their behalf (consent letter);

On section A. Project Information of the application form;

- Area of Work (Square Feet) from Designer calculation
- Project Value (\$) for all Labour, Materials, Services & Equipment to complete work in full
- Permit Fee initial payment by debit/cash/cheque as per the Building By-Law fee schedule
- Final permit Fee due prior to permit pickup of the issued building plans

Note: This is a general list only for average ramp project; Other information may be required.