BRAMPTON Flower City
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Planning and Development Services
Building Division
8850 McLaughlin Road, Unit 1
Brampton, ON L6Y 5T1

# Building Permit Requirements

# Residential Solar Panels

**NOTE TO APPLICANTS:** The following permit application information applies to solar collectors that are being installed on the roof of detached or semi-detached dwellings, freehold townhomes, row houses, duplexes and live-work units.

## Building Permit Application

1. **Completed building permit application** consisting of:
   - Application form “Permit to Construct or Demolish” (No longer required. Will be part of your Brampton Portal submission)
   - Schedule 1: Designer Information
   - Applicable Law Checklist
2. **Copy of plans** including:

   For Solar Domestic Hot Water:
   - Roof Plan showing the location of the proposed solar collectors including dimensions and the number of panels and the type of construction used for the existing roof (i.e. engineered trusses at 24” o.c. or list size and spacing of roof rafters / joists)
   - Plan(s) and section drawings to include the following information:
     (i) a floor plan showing the location of the hot water tank, circulation pump and heat exchanger
     (ii) the type of heat exchanger proposed (single or double wall etc.)
     (iii) the medium used for heat transfer (i.e. type of glycol)
     (iv) schematic drawings including the location and type of backflow preventer (if applicable)
   - Engineering details for the solar collectors and their connection to the existing roof and confirmation from a structural engineer that the impact of the installation of the collector and associated equipment will not adversely affect the existing roof structure.

   For Solar Photovoltaic:
   - Roof Plan showing the location of the proposed solar collectors including dimensions and the number of panels and the type of construction used for the existing roof (i.e. engineered trusses at 24” o.c. or list size and spacing of roof rafters / joists)
   - Engineering details for the solar collectors and their connection to the existing roof and confirmation from a structural engineer that the impact of the installation of the collector and associated equipment will not adversely affect the existing roof structure.
3. **Permit fee** of $326.21

## Building Permit Issuance

1. The applicant will be contacted and informed of any matters that arise during the review of the submitted application and supporting documentation. Upon completion of the review the applicant will be contacted by telephone and advised of any action necessary in order for the permit to be issued.