



Apply for your Building and Subtrade Permits online through [myBuild / Rocky View County](#)

BUILDING PERMIT CHECKLIST FOR SOLAR PANELS (Installed on a structure)

This checklist details the application submission requirements.

****A Building Permit is NOT required for solar panels installed on the ground, but an Electrical Permit is still required.***

All items below and supplementary documents must be submitted with your application. Documents must be clear, legible, accurate and drawn to professional drafting standards.

The forms and documents referenced in this checklist are available at www.rockyview.ca/building.

**All digital documents should be unrestricted when submitted. Secured/restricted documents will not be accepted, as digital review, mark up and permit issuance cannot occur on documents with restrictions.*

**All digital documents should be flattened when submitted.*

- **Building Permit Application Form (Not required if submitting online through [myBuild / Rocky View County](#))**
- **Site Plan** - See Resources - 'Site Plan Information Sheet' on Rocky View County's website in the Building Permit section. <https://www.rockyview.ca/building-forms-documents>
 - All dimensions in metric (preferred scale – 1:200).
 - North Arrow.
 - Municipal address (i.e., street address).
 - Legal address.
 - Title block – showing name and phone number of designer/draftsperson.
 - Show all easements and utility rights of ways.
 - Front, side and rear yard setback dimensions to property lines.
 - Grades, geodetic or local (Alberta Land Surveyor):
 - a) Show existing and proposed grades at corners of property.
 - b) Show existing and proposed grades at ALL corners of building.
 - c) Show existing and proposed grades within 15m of building (or match grade slip).
 - d) Geodetic or local datum's for; Garage slab, Main floor, Basement, Retaining walls etc.
 - Slopes greater than 15%: show setback from top of bank to the proposed structure. (Building shall be located at least 20.0m (65.62 ft.) back from the top-of-bank of an escarpment where the grade exceeds fifteen per cent (15%)).
 - Area of the site and lot coverage (*if applicable – Please review your land use bylaw and development requirements).

Owners and/or agents are responsible for ensuring that they will not damage or interfere with any utility, or any utility right of way or easement.

Owners and/or agents are responsible for ensuring the work being carried out complies with all applicable Land Use Bylaws, Subdivision requirements and/or Developers or Homeowners Associations Requirements.

- **Engineered Roof Truss and / or Floor Joist Layouts** – Documents to be provided by the manufacturer:
NOTE: DESIGNS NOTING CONFORMANCE TO PART 4 OF THE ABC 2019 WILL REQUIRE AN ENGINEER'S STAMP ON THE LAYOUT AS WELL AS THE INDIVIDUAL PROFILES.
 - Floor layouts (showing point loads, column types and headers).
 - Roof truss layouts.
 - Roof truss specifications.
 - Supplier's Letter (noting project address, manufacturing components brand name, and design software used). See STANDATA 19-BCI-023.*



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- **Building Plans** – Plans and Drawings are required to be to scale and to an acceptable professional standard: Plans are required to indicate (as applicable to your specific project):
 - Floor Plans with building areas, size, type and details for doors and windows, room names, fireplace type.
 - Structural Cross-Sections.
 - Elevations showing glazed opening calculations and building heights.
 - Construction details including foundation, wall, floor and roof assembly details including energy calculations, pad footing and strip footing sizes, flashing details.
 - Electrical layouts with fixtures and switch control locations.
 - Deck framing details, including pile and pad footing sizes.
- **Schedules A & B** - Schedules A & B are to be submitted with the permit application for any applicable Registered Professionals of Record responsible for the project:
 - Coordinating Professional – Schedule A1,
 - Architect – Schedules A2, B1 & B2,
 - Structural Engineer – Schedules A2, B1 & B2,
 - Mechanical Engineer – Schedules A2, B1 & B2,
 - Electrical Engineer – Schedules A2, B1 & B2,
 - Geotechnical Engineer – Schedules A2, B1 & B2,
 - Mechanical Engineer (Fire Suppression System) – Schedules A2, B1 & B2
- **Engineers Review Letter** – Engineers review of site conditions. i.e., cut joists, etc.
- **Manufacturer's Installation Solar Specifications** – Provide solar manufacturer's specifications for the appliance. Specifications must include installation clearances, make and model number, and testing approval. Solar Panels to provide designs from manufacturer including:
 - Drawings or specifications for Rack mounts or Ballasted mounts.
 - Connection and flashing details.
 - Elevation drawing where panels are not mounted approximately parallel to roof structure.
 - Specifications for solar panels including dead loads.
 - Schematic drawing showing circuitry and components.
 - Total Kilowatts of system.
- **Sub Trade Permit Applications** (are their own applications, but must be submitted at the same time as the Building Permit Application):
 - Electrical Permit – For all solar panel installations.
 - ULC / CSA Approved racking system meeting STANDATA 18-ECI-064
 - Schematics – A Schematic drawing showing the circuitry and components of the unit.
 - Kilowatts – Details for the total Kilowatts of the system being installed.
 - Contractor Information – Contractor information including the Master Electrician ID number for the contractor completing the installation.