

INFORMATION TO BE INCLUDED ON PLANS OR IN SPECIFICATIONS

When applying for a building permit, there is documentation that is required to review your proposed project. The proposed work must conform to the Alberta Building Code and whether or not it may affect the adjacent property.

All building permit applications shall include the following information about the project as per the Alberta Building Code 2.2.2 (if applicable). Some of this information will be shown on Structural, Electrical, and Mechanical plans in addition to Architectural plans. Plans shall be drawn to scale and shall indicate the nature and extent of the work or proposed occupancy in sufficient detail. In addition to the plans being drawn to scale the following items will be required to be on the plans:

New Commercial, Industrial and Institutional

(When applicable; *Renovations, Additions and Tenant Improvements*)

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All building permit applications shall include the following information about the project (if applicable). Some of this information will be shown on Structural, Electrical, and Mechanical plans in addition to Architectural plans. Plans shall be drawn to scale and shall indicate the nature and extent of the work or proposed occupancy in sufficient detail. In addition to the plans being drawn to scale the following items will be required to be on the plans:

General Information

- Name, type and location of building.
- Name, address and telephone number of the owner.
- Name, address and telephone number of the builder, if known.
- Names, addresses and telephone numbers of any designers, architects, licensed interior designers and/or professional engineers involved in the project (if applicable).

Basic Information

- Floor plans on a scale of not less than 1:100.
- Dimensions of all rooms.
- A description of the purpose of all rooms.
- The location of all walls, partitions, doorways, windows and other openings.
- The finish of all floors, walls and ceilings.
- The location and description of all fixed equipment.
- Building sections, elevations and details sufficient to determine if the proposed work meets the requirements of this Code.

Fire Safety

- Building area.
- Details of wall construction and unprotected openings in the exposing building faces of any other buildings located on the same property.
- Location and details of firewalls.
- Method of fire separation, including fire-resistance rating between storeys, around shafts and special rooms or areas. Location and fire-protection rating of closures in fire separations.
- Sources of information for fire-resistance ratings of elements and assemblies, or construction (to be included on large-scale sections).
- Locations of exits and calculations for the required widths of means of egress.
- Layout, details and specifications for all components of fire detection and alarm systems.
- Sufficient information to permit checking of standpipe and hose systems.
- Full details of proposed sprinkler system together with sufficient design data to permit checking of the system.
- Any other fire safety features of the building.

Structural

- The name and address of the person responsible for the structural design.
- Date of issue of the Code and Standards to which the design conforms.
- Dimensions, location and size of all structural members in sufficient detail to enable the design to be checked.
- Sufficient detail to enable the dead loads to be determined.
- All effects and loads, other than dead loads, used for the design of the structural members and exterior cladding.

Foundations

- Type and condition of the soil or rock, as well as the groundwater conditions.
- Allowable bearing pressures on the soil or rock, allowable loads when applicable and the design loads applied to foundation units.
- Earth pressures and other loads applied to the supporting structures of supported excavations.

Mechanical

- Size and continuity of all pipes, ducts, shafts, flues, fire dampers and fire stop flaps.
- Location, size, capacity and type of all principal units of equipment.
- Size, shape and height of all chimneys and gas vents.
- Size and location of combustion air and ventilation openings.
- Location and fire-resistance rating of fire separations.