

Electrical Bulletin

IMPORTANT INFORMATION FOR CONTRACTORS, CONSULTANTS, DESIGNERS AND INSTALLERS OF ELECTRICAL SYSTEMS

Information contained in this bulletin does not negate the responsibility of Electrical Contractors, and others, to comply with the requirements of the Canadian Electrical Code, the *Public Safety Act*, the Electrical Regulations and the supply authority.

Re: Minimum requirements accepted for electrical plans submitted to the Government Service Centre (with the exception of Engineered Stamped Plans).

As per Part III, Section 8. (3) of the Electrical Regulations under the *Public Safety Act*: To obtain an installation and repair permit for electrical work other than single family dwellings, the registered contractor or owner of the establishment shall submit plans and specifications to the government service centre for review.

The Chief Electrical Inspector with the Department of Government Services advises that all plans shall be well prepared, legible and in good form. Those not in compliance with applicable requirements as hereinafter set forth will be subject to rejection.

Plans shall indicate the nature and extent of the work proposed and shall show in detail that it will conform to the provisions of the Canadian Electrical Code (CEC).

Information on plans and specifications shall include the following:

- (1) The type of occupancy and a complete scope of work.
- (2) A clearly marked floor plan showing the location of all electrical devices and panel boards.
- (3) Clear identification of all service and branch circuitry, to include but not limited to: wire sizes, insulation types, conduit sizes and types.
- (4) A complete set of switchboard and panel schedules. These shall include all load calculations and demand factors used for computation.
- (5) A complete project load summary to include existing loads as computed in accordance with the CEC and all added loads.
- (6) The listed Breaker Rating of all feeder and service equipment.
- (7) Voltage characteristics of all electrical systems and equipment.
- (8) A key to all symbols used.
- (9) A list detailing all pertinent device information.
- (10) Type and size of all grounding and bonding.

Any changes to installations must be submitted to the Government Service Centre for correction of original plans submitted.

Any plans submitted not meeting these minimum requirements may cause permits and/or connections to be withheld.