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Building Energy Design Statements

The intent of this Bulletin is to introduce the updated energy-related requirements for building permits for all renovation and/or new construction projects subject to ASHRAE Standard 90.1 or NECB.

As part of the City of Vancouver's Green City Action Plan to reduce building energy usage and GHG emissions, the City is looking at a comprehensive approach to building energy, starting with the design of new construction and continuing over a building's life by preparing for future renovations that, effective January 1, 2015 with the new Building Bylaw, will require some form of energy-related upgrade or assessment.

In order to make this process as smooth as possible, the City is now requiring energy "statements" on design drawings that in future will become archive drawings, referenced by future design teams. The purpose of this process is to provide a simple yet accurate way of determining the energy design criteria used in a building's original design, and subsequent upgrades. These energy statements will provide a foundation upon which future design teams can assess building performance and determine the most effective approach to achieve their energy upgrade goals.

In accordance with 2.2.5.2 of Division C of Vancouver's 2014 Building Bylaw, and effective January 1, 2015, all new construction and renovation drawings are to include information about the energy criteria used in the design of the project. The statements are to follow the methodology outlined in the appropriate Excel file, "Building Energy Design Statements", located within the City of Vancouver Energy Webpage. Note that these requirements pertain to both ASHRAE Standard 90.1 and NECB projects.

The following link can be used to access the City of Vancouver energy webpage:

<http://vancouver.ca/building-energy-requirements>

(Sgd.) P. Ryan, M.Sc., P.Eng.
DEPUTY CHIEF BUILDING OFFICIAL
ASSISTANT DIRECTOR - BUILDING
PLANNING & DEVELOPMENT SERVICES

(Sgd.) M. G. McCall, P.Eng., LEED AP
ENERGY POLICY SPECIALIST
PLANNING & DEVELOPMENT SERVICES

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