

# MECHANICAL PLAN REVIEW REQUIREMENTS

In order to perform a thorough Mechanical Plan Review, the following specifications, drawings and details must be submitted:

**Complete signed and sealed plans and specifications of all heating, ventilating and air conditioning work.**

**Labeling criteria of all mechanical equipment.**

**Heating equipment data including the following information:**

1. Equipment capacity (b.t.u.).
2. Controls
3. Appliance layouts showing location, access and clearances.
4. Disconnect switches
5. Indoor and outdoor design temperatures.

**Ventilation data, ductwork and equipment including the following:**

1. Ventilation schedule indicating the amount of outside air (in c.f.m.) supplied to each room or space.
2. Layout showing outside air intakes.
3. Construction of ducts, including support and sheet metal thickness.
4. Duct lining and insulation materials with flame spread and smoke-developed ratings.
5. Exhaust fan ductwork layout and termination to the outside.
6. Size of louvers and grilles for attic ventilation.

Boiler and water heater equipment and piping details including safety controls and distribution piping layout.

Gas and fuel oil piping layout, material, sizes, and valves.

Combustion air intake quantities and details.

Commercial kitchen exhaust equipment details including hood and fan drawings, details of automatic fire suppression, and clearances.

Chimney and chimney connector or vent and vent connector details and connector gages and clearances.

Mechanical refrigeration equipment data and details.

Solid fuel burning appliance details including incinerator and fireplace drawings and details.

Energy conservation equipment data and details.