



Wood Stove Installation Permit Requirements

A mechanical permit must be obtained before installing any solid fuel burning appliance. Mechanical permit applications shall include drawings as outlined below and are subject to Residential Mechanical Format & Design Standards on the reverse of this sheet.

Note: Washington State law prohibits the installation of any uncertified wood stoves in new or existing buildings (RCW 70-94-455, January 1992)

Before purchasing a new, certified wood stove, or deciding to install a used stove read about clean air legislation and requirements for wood stoves at the Northwest Clean Air Agency <http://www.nwcleanair.org/aqPrograms/woodHeating.htm> or phone 800-622-4627.

Application Requirements:

- Mechanical Permit Application Form
- Type, manufacturer and model number of appliance
- Floor plan (two copies) showing location of proposed installation and source of combustion air
- Identify the primary heat source, wood cannot be the primary source of heat in any structure.

Inspection Requirements:

- After the appliance is installed, and before it is used, the owner must contact the Permit Center for an inspection.
- The owner's copy of the manufacturer's installation instructions must be available to the Inspector at the time of inspection

Additional Requirements:

- Solid fuel burning appliances and fireplaces shall be provided with tight-fitting glass or metal doors. An outside source of combustion air shall be ducted to the firebox, as described in the appliance listing.
- Unless otherwise specified by manufacturer's installation instructions, hearth extensions shall be constructed of concrete or masonry, supported by noncombustible materials. Fireplace hearths shall be at least 4" thick and hearth extensions shall be at least 2" thick.
- Clearances to combustible materials or construction shall be in accordance with conditions stipulated in manufacturer's listing and installation instructions.

Residential Mechanical Format & Design Standards

1. Format

- All drawings must be original drawings in ink on white bond paper or photocopied reproductions.
- Diazzo (blueline) prints will not be accepted.

2. Paper Size

- Drawings must be submitted on 11" x 17" sheets.
- All sheets in a drawing set must be the same size and sequentially labeled and dated.
- New work must be clearly marked.

3. Scale

- All scale sizes must be standard architectural or engineering scales.
- Site plans must be drawn at 1" = 20' or larger scale.
- Floor plans shall be drawn at not less than 1/4" = 1' scale and must be dimensioned.
- Details must be drawn at a scale large enough to clearly illustrate the particular detail, with a minimum scale of 3/4" = 1'.

4. Reproducibility

- All drawings must be clear, accurate, legible and high-contrast. Contrast must be sufficient to permit archival photographic or digital reproduction.

5. Key Plan/Floor Plan requirements

- Drawings shall include the main entrance to the structure, a north arrow and location of all streets.
- Floor plans shall indicate appliance location showing floor level, room location, use of the room and adjacent rooms. The floor plan shall provide direction from the main entrance.
- Chimney and exhaust termination location shall be shown.
- Location of outside air supply shall be shown.