

Plumbing Permit Checklist



Use this checklist to help gather all the required information and documents in order to submit a complete Plumbing Permit Application.

SUBMITTAL DOCUMENTS

- Supplemental Plumbing Information** sheet indicating fixtures to be relocated, replaced, installed or removed
- Plumbing plans** shall show the following, as applicable. *(Plans not required for 1 and 2 unit residential buildings.)*
 - Pipe size and fixture units** for sanitary and potable water systems
 - Calculations** for water meter sizing and DWV fixture units for building drain
 - Location and type of proposed **fixtures**
 - Riser diagram** with waste, vent and potable water piping locations and sizes. *(Isometric drawings are required for projects that include a commercial kitchen, a grocery store, or more than 3 stories.)*
 - Finished floor and sanitary sewer **elevations** *(required for sumps)*
 - Detail of drains/cleanouts** *(required for underslab footing drains or where recommended by geotechnical engineer)*
 - Pipe size, details and square footage of roof area** *(required for roof drains/overflow)*
 - If an **engineered method** is used instead of following prescriptive requirements, note that on the plans
 - Other pertinent details** showing construction of interceptors, piping support, firestop penetration systems, etc.
- Structural plans** shall show the following, as applicable. *(Plans not required for 1 and 2 unit residential buildings.)*
 - Framing plans and calculations** for vertical and lateral loads, stamped by a Washington State registered professional engineer *(required for units weighing more than 400 pounds)*
 - Anchorage details for floor supported plumbing equipment.** Details shall show how plumbing fixtures are anchored to the structure in order to resist displacement vertically and on both horizontal axes due to seismic motion.
 - Anchorage details for suspended plumbing equipment.** Details shall show rigid vertical hangers braced in both horizontal directions. Connections by pipes or ducts that are, or contain, non-rigid elements that are not of inherent sufficient strength or which are not adequately anchored, will not be acceptable as equipment or appliance anchors.

Also, for medical gas piping:

- Site plan** indicating the location of existing or new cylinder storage areas, property lines, driveways, and existing or proposed new buildings
- Piping layout** showing the proposed piping system or alteration, including locations of alarms, valves, origin of gases, and user inlets/outlets
- Calculated demand and loading** of any piping, existing, proposed or future, shall also be indicated
- Indicate all **alarms and backup power supply** for the alarms
- Materials specifications**