



PLUMBING PLAN SUBMITTAL REQUIREMENTS FOR COMMERCIAL BUILDINGS

City of Minneapolis - CPED
Construction Code Services Division - Plan Review

The Plan Review Section of Construction Code Services reviews plumbing plans for all new commercial building construction as well as certain commercial building addition and remodeling projects depending on the size and nature of the project.

There are two categories of projects that require a plumbing plan review and each category is handled differently.

Category 1- Food and Beverage Related Business: This category includes restaurants, coffee shops, delicatessens, catering kitchens, grocery stores, and other similar licensed food and beverage related businesses. For Category 1, plumbing plans must be submitted for review for any project where a plumbing system is installed or modified.

Category 2 – Other Commercial Buildings: This category includes apartment buildings with 3 or more dwelling units, retail stores, factories, warehouse buildings, parking garages, and other similar commercial buildings. For Category 2, a plan review is required for all new building construction and for remodeling or additions to existing buildings when the scope of the proposed work includes 20 or more total fixtures.

Plumbing plan submittals must be submitted through our ProjectDox system. Instructions on how to submit plans can be found at <https://www2.minneapolismn.gov/business-services/licenses-permits-inspections/construction-permits-certificates/mdr-permits/eplan-projectdox/>

For projects requiring a plumbing plan review, the City of Minneapolis will not issue a plumbing permit until the plumbing plans have been approved and the permit fees have been paid. A copy of the approved plans must be maintained at the job site during construction.

The following information is required for plumbing plan submittals:

- Site Plan:** For new construction, provide a site utility plan showing the size and routing of storm, sanitary, and water service piping in relation to the building and the service connections in the street.
- Floor Plans:** Show and label all plumbing fixture locations. Show, label, and size: storm, sanitary waste, sanitary vent, and domestic water piping in the area of work.
- Roof Plan:** For new roof construction, show the location of plumbing vents, roof drains, and overflow drains. Indicate the roof area served by each roof and overflow drain. Roof areas must account for adjacent wall load as defined in the plumbing code.
- Water Riser Diagrams:** Isometric drawings of the water supply system showing pipe sizes and fixture labels or descriptions.
- Soil, Waste and Vent Riser Diagrams:** Isometric drawings of the waste and vent system showing pipe sizes and fixture labels or descriptions.
- For Food Service Projects:** Minneapolis Health Department approved food service floor plans together with equipment schedules for all plumbing fixtures and equipment in the food service area.
- Plumbing Specifications:** Descriptions of piping materials including ASTM numbers, pipe joining methods, pipe testing and pipe disinfection procedures.
- Signature:** Plumbing plans must be signed either by a Minnesota registered engineer or a licensed master plumber.