



PLUMBING PLAN SUBMITTAL REQUIREMENTS FOR COMMERCIAL FOOD ESTABLISHMENTS

City of Minneapolis - CPED
Construction Code Services Division - Plan Review
Revised April 2016

The Plan Review Section of Construction Code Services reviews plumbing plans for all work being performed in commercial food establishments. This includes restaurants, coffee shops, delicatessens, catering kitchens, groceries, breweries and any other business preparing or selling food or drink. Two complete sets of plumbing plans are required along with a completed permit application in order to obtain a plumbing permit for work in a commercial food establishment. The drawings must be of a scale that is legible. Plumbing and mechanical applications and drawings may only be submitted after Health Department plans have been submitted and will not be released until the Health Department has approved the project. The City of Minneapolis will not issue a permit for the plumbing work until the plans have been approved; the approved plans are required to be at the work site at the time of inspection.

The following submittals are required at the time of plumbing permit application:

- **Completed plumbing permit application and two complete sets of plans containing the following information:**
- **Floor Plan:** Show and label all fixture locations, all horizontal waste, vent and domestic water pipe locations and all pipe sizes for new plumbing.
- **Roof Plan:** Show the location of new roof drains and the roof area served by each roof drain.
- **Water Riser Diagrams:** Isometric drawings of the water supply system showing all pipe sizes with all fixtures labeled.
- **Soil, Waste and Vent Riser Diagrams:** Isometric drawings of the waste and vent system showing pipe sizes with all fixtures labeled.
- **Kitchen equipment plans:** Full sized plans with schedule and bowl sizes of scullery sinks. Model number and GPM of grease interceptor are required.
- **Plumbing Specifications:** Plumbing Specifications may be required. When requested, include a list of the manufacturer and model numbers of the plumbing fixtures, a list of pipe materials including the quality standard (ANSI, ASTM, etc.), testing and disinfection procedures.
- **Signature:** The plans must be signed by either an engineer that is registered in the state of Minnesota or by the Minneapolis licensed master plumber that will be installing the plumbing.

If new plumbing fixtures are being connected to an existing water supply system and the size of the existing system is not shown on the plans, please provide the following information:

- a. The maximum developed length of the existing water distribution piping.
- b. The building water pressure at the meter.
- c. The pipe sizes of the water service and building supply.
- d. The total water supply fixture unit count.
- e. The pipe size of the existing system at the point where the new fixtures connect.
- f. Indicate the method of water distribution sizing.
- g. The sizing calculations for the water distribution system.

If new plumbing fixtures are being added to an existing waste system; documentation is required to show compliance of the entire waste system with Chapters 7 and 9 of the 2015 Minnesota State Plumbing Code (Chapter 4714).