



Plumbing Plan Review

Plumbing plan reviewers in the Milwaukee Development Center review all plumbing systems containing 11 or more fixtures.

Table 382.20-2 and code section 382.20(1)(b)2 of the Wisconsin Plumbing Code specify that review is required for the following projects:

- Alterations to drain systems, vent systems, water service systems, and water distribution systems involving **eleven (11)** or more plumbing fixtures to be installed in public buildings. *Water heaters and hose faucets are included in the fixture count.*
- All new buildings and additions to existing buildings.
- Grease interceptors to be installed for public buildings, *regardless of the number of fixtures involved.*
- Garage catch basins and oil interceptors to be installed for public buildings, *regardless of the number of fixtures involved.*
- Automatic car wash facilities.
- Sanitary dump stations.
- Parking lots.
- Any newly paved area.
- Private water mains.
- Water supply systems and drain systems to be installed for mobile home parks and campgrounds.
- Private interceptor main sewers.
- Chemical waste systems *regardless of the number of plumbing fixtures involved.*

For the purpose of plan submittal, public buildings do not include zero-lot-line row houses where each living unit is served by

an individual water service and an individual building sewer.

Other installations that are not noted in Table 382.20-2 may also warrant review and approval prior to installation. If you have a questionable situation, contact the Development Center for assistance in making the determination. Call 286-2596 or 286-3116.

Submission requirements

All plumbing plans must include the following documents:

- A completed plumbing plan examination [application](#).
- Plan examination [fee](#)
- One set of architectural plans
- One set of specifications
- Water calculation worksheet
- Grade plan required for parking lots
- 3 sets of sealed plumbing plans showing all of the following:
 - Plot plan showing sanitary and/or storm sewer and water.
 - Floor plan showing horizontal drains, water distribution mains and all fixtures and equipment to be installed.
 - Isometric/riser diagrams of the drain, vent and water distribution systems, with pipe sizes and fixture unit loads shown.
 - Complete water calculations in accord with s. SPS 382.40(7)
 - Complete storm drain sizing calculations
 - Remodeling or additions shall include existing loads.

- All plans must be properly signed as per SPS 382.20(4)(d).

SPS 382.20(5) of the State of Wisconsin Plumbing Code provides 15 business days from the receipt of required information and fees for each plan review. Failure to provide the required materials may cause your plan to be rejected and additional plan examination fees to be charged.

The permit

During the review, the plumbing plan examiner will produce a plan review letter citing the significant code issues that have not been adequately addressed on the construction documents. The letter will also indicate the amount of the permit fee. After receiving the review letter, the applicant completes the application for permit and submits it, along with the permit fee, to the Development Center, and the permit is issued. The applicant may pick up the permit and approved plans during business hours at the Development Center information desk.

The plumber responsible for the installation of the plumbing is required to keep at the construction site one set of plans bearing the stamp of approval, and at least one copy of specifications.

Quick Facts

Application fee: See fee schedule
Approval by: Development Center
plumbing plan examiner
Approval time: About 15 working days
For more information: 286-2596 or
286-3116