



Permit & Development Center

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Plumbing Plan Review

Plumbing plan examiners 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 *regardless of the number of plumbing fixtures involved.*
- 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. Drainage plan required on any newly paved or repaved area exceeding 1,000 sf.
- Any new or replacement sanitary, storm or water service laterals.
- 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 (414) 286-2596 or (414) 286-3116. Approval time: About 15 working days

Gas Piping Plan Review

Gas piping plan review is required on all new construction, additions, and the installation of 11 or more gas outlets. See Plumbing & Gas piping plan review checklist for sizing requirements.

Submission requirements

All plumbing plans must include the following documents (see [Plumbing & Gas Plan Review Checklist](#)):

1. A completed [plumbing plan examination application](#).
2. [Plan examination fee](#)
3. One set of architectural plans
4. One set of specifications
5. One set of water calculation worksheets
6. Grade plan required for parking lots
7. Four (4) sets of sealed plumbing plans showing all of the following:
8. Plot plan showing sanitary and/or storm sewer and water.
9. Floor plan showing horizontal drains, water distribution mains and all fixtures and equipment to be installed.
10. Isometric/riser diagrams of the drain, vent and water distribution systems, with pipe sizes and fixture unit loads shown.
11. Complete water calculations in accord with s. SPS 382.40(7)
12. Complete storm drain sizing calculations
13. Remodeling or additions shall include existing loads.
14. All plans must be properly signed as per SPS 382.20(4)(d).

Note: Once plan review is required, all fixtures and rough alteration piping to be installed in association with the project shall be included as part of the piping design.

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 result in additional fees and/or the rejection of your plan.

The permit

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