



Plan Submittal

SPS 382.20 - 08/05/2011

For plan review purposes, when determining the total number of plumbing fixtures a project involves, are “overflow” roof drains included in the count? No, “overflow” roof drains are not included when determining the total number of plumbing fixtures for a specific project.

SPS 382.20 - 6/1/06

Must plans be submitted for plumbing review for the piping receiving the discharge from a detention basin draining one acre or more? When on private property, the piping is considered plumbing and plan review is required.

SPS 382.20(1) - 7/22/05

Does a pressurized private interceptor main sewer plan need to be submitted for plan review? Sometimes. If the drainage fixture unit load on the piping would require a gravity flow pipe size of greater than four inches, the plan needs to be submitted to the department or an appropriate agent city.

SPS 382.20(1) - 11/18/97

Can a municipality require plan review beyond what is required by the plumbing code? An agent municipality can require plan review for fewer than 16 plumbing fixtures. An ordinance is required.

SPS 382.20(1) - 11/10/10

Bed and Breakfast plumbing review requirements? Plan review for plumbing installations at a "bed and breakfast" is required when the number of fixtures involved meets the plan review requirements for public buildings (currently 16).

SPS 382.20(1) - 6/13/2011

Replacement grease interceptor plan review? Except for direct replacement, all grease interceptor installations require plan review.

SPS 382.20(1) - 5/10/07

May a POWTS designer sign plans for an exterior grease interceptor? No, the state Department of Safety and Professional Services only permits a POWTS designer to design septic tanks for private sewage disposal systems, drain fields designed to serve such septic tanks, sewer service from the septic tank, or sewer extensions from the mains to immediate inside (or proposed inside) of the foundation wall of the building.

SPS 382.20(1) - 11/24/04

Plan review requirements for multiple dwellings? See Table SPS 382.20-2 which states "For the purposes 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." These individual connections (water and sewer) are to the public sanitary sewer or public water main, or to a private interceptor main sewer and/or private water



main. The building may be defined as a row house, apartment, or condominium, but the individual plumbing system requirement must be met. For the interpretation of this section, the private interceptor main sewer and private water main extends to the most upstream building served. So all buildings are treated identically. Because of their individual connections, each row house is required to have one full-sized drain and vent stack.

SPS 382.20(1) - 9/25/98

May pre-fab systems be assembled prior to plan approval? Assembled, yes, but not installed. SPS 382.20(1)(a) requires that "Written approval for the plans shall be obtained prior to installation of the work."

SPS 382.20(1) - 7/28/03

When is registration or plan review needed for Cross Connection Control Assemblies?

1. Plan review for testable CCC devices is required when the installation is in health care or related facility. For all other installations, registration with IS of testable CCC devices is required.
2. When replacing an existing assembly with the exact same model number and size? No, but a note should be sent with the next test report stating it has been changed.
3. When replacing an existing assembly with the same ASSE number, but a smaller size? No, not when dealing with non-potable water. A note should still be sent. When dealing with potable water, it is a decision of an IS plumbing plan reviewer through a phone conversation with the submitting party.
4. When replacing an existing assembly with the same ASSE number, but a larger size? No, not when dealing with either potable or non-potable water.
5. When moving an existing assembly vertically, but on the same floor? No.
6. When moving an existing assembly to a different floor? Yes.
7. When moving an existing assembly horizontally? A good rule of thumb is to consider a 10-foot diameter area. If the assembly is to be moved ten feet from its original location, then yes. If not, then no. This can be discussed with an IS plumbing plan reviewer.

SPS 382.20(1) - 5/20/99

Plan submittal/inspection of Native American land? See [PDF file](#).

SPS 382.20(1)(b) - 1/4/99

Which private water mains get approval from DSPS or DNR? This [PDF file](#) gives different situations describing when a water main will be approved by DNR and which ones will be approved by DSPS or an agent municipality.

SPS 382.20(1)(b) - 10/4/05

Sometimes. If the pressurized private interceptor main sewer is carrying more than 250 drainage fixture units (a gravity flow pipe serving the same flow would be required to be greater than four inches in diameter), plan review is required. If a gravity flow private interceptor main sewer of more than four inches in diameter discharges into a sump, then the downstream pressurized sewer must be included in the plan submittal.

SPS 382.20-1 - 6/1/04

Referring to Table 382.20-1, number 2, what type of buildings would be owned by a metropolitan or sanitary sewer district? Basically, this refers to sewage treatment plants. However, if the sanitary sewer district owns other buildings, those buildings would need plumbing plan approval by IS prior to construction.

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SPS 382.20-2 - 6/1/04

What is a storm private interceptor main sewer? A storm private interceptor main sewer is serving the runoff or piping from two or more buildings. All piping designed to serve as a private interceptor main sewer greater than four inches in



diameter (when sized for gravity), including a storm sewer, must be submitted for plan review.

SPS 382.20-2 - 6/1/04

Are plumbing plans required to be submitted for a building that contains a single-family dwelling and a commercial establishment? Yes, if the fixture count of the total building includes 16 or more fixtures

SPS 382.30(1) - 6/1/04

Are floor drains sanitary fixtures? Yes, floor drains are sanitary fixtures. SPS Table 382.38-1 designates the discharge points for floor drains. Some floor drains, like those located in well pump houses may discharge to grade.

SPS 382.32 - 11/17/97

Do material changes require re-submittal of plans? Sometimes. When the materials are changing to a more restrictive material, like from Type L copper to PEX, a revision will be necessary. If you are replacing type K with type L (and all installation requirements are met), a revision is not be necessary.

SPS 382.34(5) - 7/28/03

Are there circumstances where grease interceptors do not need to be installed? Under conditions where grease will not be significantly generated, the department may allow a designer to install fixtures without a grease interceptor. See the [attached](#) letter for an example.