

BUILDING SEWER

12



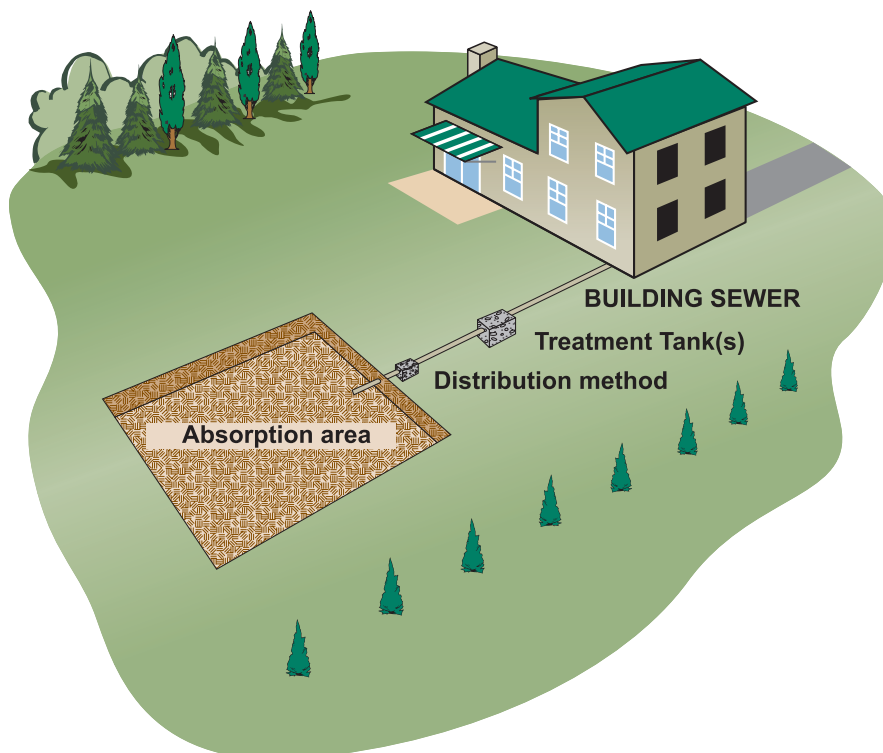
OBJECTIVE

The purpose of this chapter is to:

- Understand the regulations for the building sewer.

Building Sewer

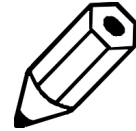
The building sewer is the buried pipe that carries the septic waste from the house to the treatment tank(s).



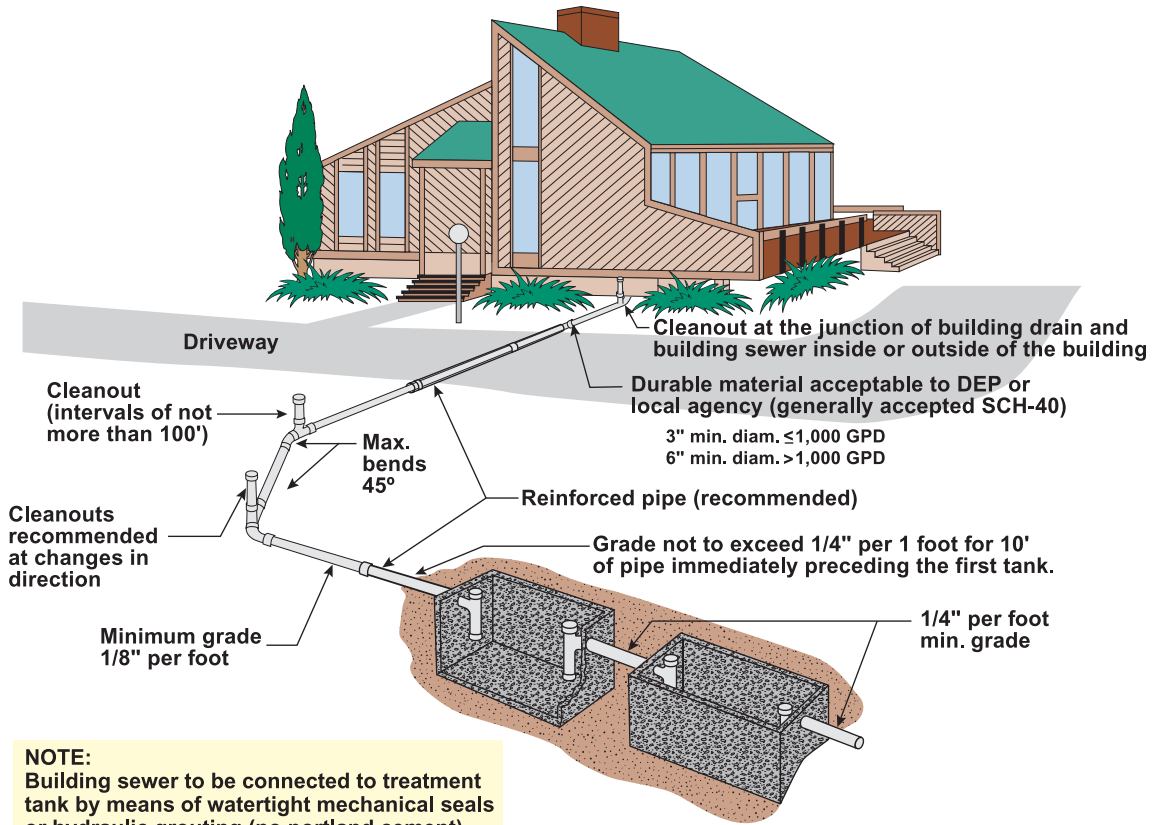


BUILDING SEWER REGULATIONS

Section 73.21



NOTES





PIPE

Sections 73.21(a-c)

- The building sewer must be constructed of a durable material acceptable to DEP or local agency requirements. Schedule-40 strength plastic pipe is usually used.
- If the daily flow is . . .
 - ✓ 1,000 gallons or less, the building sewer must be at least ___ inches in diameter. Most systems this size use a four-inch pipe.
 - ✓ greater than 1,000 gallons, the building sewer must be at least ___ inches in diameter.

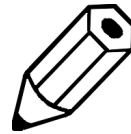
Appendix 12-A has pipe specifications according to the American Society for Testing and Material.



CLEANOUTS

Sections 73.21(d-e)

- There must be a _____ at the junction of a building drain and building sewer and at least every ___ feet.
- It is recommended to place a cleanout at every change of direction in the building sewer.



NOTES



BENDS

Section 73.21(f)

- Bends in the building sewer cannot exceed ____ degrees. Two 45-degree elbows can be used to make a 90-degree bend.



DROP IN GRADE

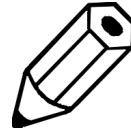
Section 73.21(g)

- The grade of the building sewer must drop a minimum of ____ inch per foot.



How would you measure the $\frac{1}{8}$ -inch drop in grade?

- The last ____ feet of the building sewer before it enters the first treatment tank or compartment cannot have a drop in grade greater than a $\frac{1}{4}$ inch per foot.



NOTES



JONES PERMIT

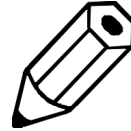
JONES

Note the building sewer and cleanouts on the design in the Jones permit. As an SEO, you will not be designing the system but will have to check the designer's specifications to make sure the regulations have been followed.



KEY POINTS

- The building sewer must be constructed with a material acceptable to DEP or the local agency. The building sewer must move the septic waste to the tank(s) with a downward grade.
- Regulations must be followed throughout the entire design of a system.



NOTES