

16.05.140 Uniform Plumbing Code adopted.

The 2009 Edition of the Uniform Plumbing Code, as adopted by the State Building Code Council in Chapters 51-56 and 51-57 WAC, as published by the International Association of Plumbing and Mechanical Officials, excluding Chapter 1, Administration, is adopted, together with the following amendments:

(1) Amend UPC Section 312.0, Independent Systems, as follows:

312.0 Independent Systems.

The drainage system of each new building and of new work installed in any existing building shall be separate and independent from that of any other building, and, when available, every building shall have an independent connection with a public or private sewer.

Swimming pools shall be provided with a separate and independent drainage system, which shall connect with a public or private sewer. The drainage pipe for the pool, floor drain, and similar fixtures shall be connected either to the side sewer downstream of the main building or structure or to the building sewer downstream of the last plumbing fixture. The main building drain shall be equipped with an accessible backwater valve outside of the building or structure and upstream of the pool drain connection.

(2) Amend UPC Chapter 6, Table 6-5, deleting "Lawn Sprinkler, each head" from the table.

(3) Amend UPC Section 708.0, Grade of Horizontal Drainage Piping, as follows:

Horizontal drainage piping shall be run in practical alignment and a uniform slope of not less than one fourth (1/4) inch per foot (20.9 mm/m) or two (2) percent toward the point of disposal provided that, where it is impractical due to the depth of the street sewer or to the structural features or to the arrangement of any building or structure to obtain a slope of one-fourth (1/4) of an inch per foot (20.9 mm/m) or two (2) percent. Any such pipe or piping four (4) inches (100 mm) or larger in diameter may have a slope of not less than one-eighth (1/8) of an inch per foot (10.5 mm/m) or one (1) percent, only when first approved by the Code Official. Horizontal drainage piping connected to any dual flush gravity tank water closet shall slope a minimum of one-fourth (1/4) inch per foot.

(4) Adopt and amend UPC Section 713.1, Sewers Required, as follows:

713.1 Every building in which plumbing fixtures are installed and every premises having drainage piping thereon shall have a connection to a public or private sewer.

Exceptions:

1. When no public sewer intended to serve any lot or premises is available in any thoroughfare or right of way abutting such lot or premises, or as otherwise approved under SMC 21A.60.030, drainage piping from any building or works shall be connected to an approved private sewage disposal system. The public sewer may be considered as not being available when such public sewer or any building or any exterior drainage facility connected thereto is located more than two hundred (200) feet (60.8 m) from any proposed building or exterior drainage facility on any lot or premises that abuts and is served by such public sewer.

2. No change shall be required in any portion of a plumbing drainage system in or on an existing building or lot when such work was installed and is maintained in accordance with law in effect prior to the effective date of this code, except when any such plumbing or drainage system or other work regulated by this code is determined by the Authority Having Jurisdiction to be in fact dangerous, unsafe, unsanitary, or a nuisance and a menace to life, health, or property.

(5) Adopt UPC Sections 713.3, 713.6, 714.2 and 722 pertaining to building sewers to read as follows:

Section 713.3, 713.6, 714.2 and 722 pertaining to building sewers shall be retained by the City of Sammamish.

(6) Amend UPC Section 713.3 as follows:

713.3 Within the limits prescribed by UPC Section 713.1 hereof, the rearrangement or subdivision into smaller parcels of a lot that abuts and is served by a public sewer shall not be deemed cause to permit the construction of a private sewage disposal system, and all plumbing or drainage systems on any such smaller parcel or parcels shall connect to the public sewer.

(7) Amend UPC Section 1101.11.2.2.2 to read as follows:

Combined System. The secondary roof drains shall connect to the vertical piping of the primary storm drainage conductor downstream of any horizontal offset below the roof. The primary storm drainage system shall connect to the building storm water that connects to an underground public storm sewer. The combined secondary and primary roof drain systems shall be sized in accordance with Section 1106.0 based on double the rainfall for the local area. A relief drain shall be connected to the vertical drain piping using a wye type fitting piped to daylight on the exterior of the building. The piping shall be sized as required for a secondary drain with a 4" minimum.

(8) Adopt Appendix Chapter A, "Recommended Rules for Sizing the Water Supply System."

(9) Adopt Appendix Chapter B, "Explanatory Notes on Combination Waste and Vent Systems."

(10) Adopt Appendix Chapter I, "Installation Standards."

(11) Adopt Appendix Chapter H, "Grease Interceptors."

(12) Adopt Appendix Chapter L, "Alternate Plumbing Systems," excluding Sections L5 and L6. (Ord. O2010-283 § 1 (Att. A); Ord. O2007-214 § 1; Ord. O2004-148 § 2)