

**City of Bozeman Building Division**  
**Sewer Connection Installation Self Verification Form**

The building sewer connection must be installed according to the approved building plans and the prescriptive requirements of the Uniform Plumbing Code. See applicable excerpts from the Plumbing Code below.

**Please complete this form and have it, along with your approved/stamped building plans, onsite for your rough plumbing inspection.** This completed form will become part of your permanent inspection record.

**From the Uniform Plumbing Code;**

**312.10. Sleeves** shall be provided to protect piping through concrete and masonry walls and concrete floors. **Exception:** Sleeves shall not be required where openings are drilled or bored.

**312.10.1. Piping** through or under concrete or masonry walls shall not be subject to a load from building construction. (Minimum 12 inches clearance from the top of the sewer pipe to the bottom of the footing)

**312.10.2. In exterior walls** and foundations, annular space between sleeves and pipes shall be sealed and made water-tight as approved by the Authority Having Jurisdiction.

**314.4. Excavations** shall be completely backfilled as soon after inspection as practicable. Adequate precaution shall be taken to ensure proper compaction of backfill around piping without damage to such piping. Trenches shall be backfilled in thin layers to twelve (12) inches above the top of the piping with clean earth, which shall not contain stones, boulders, cinder fill, frozen earth, construction debris, or other materials that would damage or break the piping or cause corrosive action.

**708.0. Grade of Horizontal Drainage Piping.** Horizontal drainage piping shall be run in practical alignment and a uniform slope of not less than one-fourth (1/4) inch per foot or 2 percent toward the point of disposal provided that, where it is impractical due to the depth of the street sewer, 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 or 2 percent, any such pipe or piping four (4) inches or larger in diameter may have a slope of not less than one-eighth (1/8) of an inch per foot or 1 percent, when first approved by the Authority Having Jurisdiction.

**710.5. Size of Building Sewers.** The minimum size of any building sewer shall be determined on the basis of the total number of fixture units drained by such sewer, in accordance with Table 7-8. No building sewer shall be smaller than the building drain.

**718.2 Building sewer piping** shall be laid on a firm bed throughout its entire length, and any such piping laid in made or filled-in ground shall be laid on a bed of approved materials and shall be properly supported as required by the Authority Having Jurisdiction.

**719.1 Cleanouts** shall be placed inside the building near the connection between the building drain and the building sewer or installed outside the building at the lower end of the building drain and extended to grade. Additional building sewer cleanouts shall be installed at intervals not to exceed fifty feet (ARM) in straight runs and for each aggregate horizontal change in direction exceeding one hundred and thirty-five degrees.

**723.0 Building Sewer Test.** Building sewers shall be tested by plugging the end of the building sewer at its points of connection with the public sewer or private sewage disposal system and completely filling the building sewer with water from the lowest to the highest point thereof, or by approved equivalent low-pressure air test. The building sewer shall be water-tight at all points.

Owner's Name _____	Building Permit # _____
Project Address _____	
Contractor _____	
<b>I hereby certify that the building sewer on this project has been connected according to the approved building plans and the prescriptive requirements of the Uniform Plumbing Code.</b>	
Signature _____	Title _____
Company _____	Date: _____
Received by _____	Date: _____
City of Bozeman Building Inspector	