

## **221300S03 SEWER AND VENT PIPING - Cast Iron Soil Pipe and Fittings**

**Note: All underground building drain pipe and fittings to be Cast Iron Soil Pipe ASTM A74, service weight, hub and spigot soil pipe and fittings.**

### **Hub and Spigot Cast Iron Soil Pipe and Fittings:**

Hub and Spigot Cast Iron pipe and fittings shall be manufactured from gray cast iron and shall conform to ASTM A 74. All pipe and fittings shall be marked with the collective trademark of the Cast Iron Soil Pipe Institute © and listed by NSF® International.

Pipe and fittings to be:

- Service (SV) or
- Extra Heavy (XH)

Joints can be made using a compression gasket manufactured from an elastomer meeting the requirements of ASTM C 564. All pipe and fittings to be produced by a single manufacturer and are to be installed in accordance with manufacturer's recommendations and applicable code requirements. The system shall be hydrostatically tested after installation to 10 ft. of head (4.3 psi maximum).

### **Hubless Cast Iron Soil Pipe and Fittings (\*NOTE: Can only be used above slab)**

Hubless Cast Iron pipe and fittings shall be manufactured from gray cast iron and shall conform to ASTM A 888 and CISPI Standard 301. All pipe and fittings shall be marked with the collective trademark of the Cast Iron Soil Pipe Institute © and listed by NSF® International. Hubless Couplings shall conform to CISPI Standard 310 and be certified by NSF® International. All couplings shall be Heavy Duty couplings shall conform to ASTM C 1540 and shall be used on all projects. Gaskets shall conform to ASTM C 564. All pipe and fittings to be produced by a single manufacturer and are to be installed in accordance with manufacturer's recommendations and applicable code requirements. Couplings shall be installed in accordance with the manufacturer's band tightening sequence and torque recommendations. Tighten bands with a properly calibrated torque limiting device. The system shall be hydrostatically tested after installation to 10 ft. of head (4.3 psi maximum). Pipe size 1-1/2" through 4" shall have 4 clamps per coupling. Pipe size 5" through 10" shall have 6 clamps per coupling.