

# **TEHAMA COUNTY SANITATION DISTRICT NO. 1**

MINERAL, CALIFORNIA

## **SPECIFICATIONS FOR BUILDING SEWER CONNECTIONS**

Installation shall conform with the Uniform Plumbing Code, Tehama County Code, District Ordinances, Tehama County Land Division Standards, Typical Building Sewer Plan Sheets (2), and to the following requirements:

### **INSPECTIONS:**

Please notify the District Offices (530.385.1462) to arrange for inspections at each of the following times:

1. Prior to removing the service lateral plug.
2. Before backfilling the pipe trench
3. Prior to connecting to the house drain at your building
4. Before and after backfilling the septic tank

**MATERIALS:** (Materials used shall comply with the following, or as directed by the District Engineer)

1. Sewer pipe – 4” Diameter, plastic, with solvent weld joints:
  - a) PVC Sewer Pipe - Schedule 40 (ASTM D2665 or F 891)
  - b) ABS Sewer Pipe - Schedule 40 (ASTM D2751 or F 628)
  - c) Solvent Cement (PVC Pipe and Fittings: ASTM D 2564; ABS Pipe and Fittings: ASTM D 2235)
2. Pipe Fittings – (wyes, bends, couplings, etc.)
  - a) PVC -ASTM D2665 and D3311
  - b) ABS (ASTM D2751 and D3311 or ASTM F 628 and D 3311)
3. Couplings – For connecting ABS Pipe to the District’s lateral.  
Pipe couplings shall be water – tight neoprene using stainless steel bands and shall be Fernco, Calder, or equal, with proper brushings designed for type of pipe being connected to existing 4” lateral stub.
4. Cleanouts- Same material as sewer line. Cleanouts shall consist of standard wye branch or a 45 degree elbow, an additional 45 degree elbow, and a plugged stub pipe set at or above grade and capped with a watertight cap. Top of cap shall be above ground surface. Falls greater than five (5) feet from house foundation to the top of existing cleanout at the property line, a clean out shall be installed outside of house for testing accessibility. It is in the property owner’s best interest to install a cleanout at the house, regardless of the amount of fall.
5. Future lateral connections to the sewer mains shall be made with a gasketed ductile iron service saddle, complete with gasket and 3 ½” wide stainless steel band. Sewer saddles shall be Romac Industries style “CB” with Schedule 40 PVC branch connection, or equal. Saddle shall be approved by the District prior to connection.

**CONSTRUCTION:** Installation shall comply with the following or as directed by the District Engineer.

1. Slope of Pipe – Minimum slope of  $\frac{1}{4}$ " per foot.
2. Bedding and Backfill – Pipes are to be placed on a firm bed on sandy material a minimum of 4 inches below pipe and 4 inches around sides and 4 inches over top of pipe, after which the remainder of the ditch may be backfilled and compacted with a native material, or as directed by the District Engineer.
3. Depth – Minimum of 18 inches of cover over the top of the pipe.
4. Cleanout Spacing
  - a) At 100' intervals for straight runs
  - b) At the connection to the service lateral from the sewer main (at the property line)
  - c) One additional for each aggregate change in direction exceeding 135 degrees (3 - 45 degree bends, 1 – 45 degree bend, and 1 – 90 degree bends, etc.)
  - d) At the connection to the house drain.
5. Abandoned Septic Tanks – Abandonment shall conform with the Uniform Plumbing Code, Tehama County Code, District Ordinances, Tehama County Land Division Standards, Typical Building Sewer Plan Sheets (2), and to the following requirements:
  - a) Septic Tanks are to be pumped out by a registered licensed septic tank pumper, tops crushed, and then filled with earth, sand gravel or other approved materials.
  - b) Material pumped from the abandoned septic tank is to be disposed of by a registered licensed septic tank pumper at a regional septage disposal facility. Under no circumstances is the septage to be discharged into the Mineral Sewer System, down any natural or manmade waterways, or on to existing ground.