

# Department of Health Services, State of California

## Criteria for the Separation of Water Mains and Sanitary Sewers

Case 1 - New wastewater line installation with new or existing water main.

Case 2 - New water installation with existing wastewater line.

### Construction Criteria

Case 1: New wastewater line being installed. Special construction required for:

Zone      Wastewater Line

A      Wastewater lines parallel to water mains shall not be permitted in this zone without approval from the responsible Health Agency and Water Supplier.

B      A wastewater line placed parallel to a water main shall be constructed of:

1. Extra strength vitrified clay pipe with compression joints.
2. Class 4000, Type II, Asbestos-Cement pipe with rubber gasket joints.
3. Plastic Wastewater Pipe with rubber ring joints (per ASTM D3034) or equivalent.
4. Cast of Ductile Iron pipe with compression joints.
5. Reinforced Concrete Pressure Pipe with compression joints (per AWWA C302-74).

C      A Wastewater Line crossing a Water Main shall be constructed of:

1. Ductile Iron Pipe with Hot Dip Bituminous Coating and Mechanical Joints.
2. A continuous section or Class 200 (DRI4 per AWWA C900) Plastic Pipe or equivalent, centered over the pipe being crossed.
3. A continuous section of Reinforced Concrete Pressure Pipe (per AWWA C302-74) centered on the pipe being crossed.
4. Any Wastewater Pipe within a continuous sleeve.

D      A Wastewater Line crossing a Water Main shall be constructed of:

1. A continuous section of Ductile iron Pipe with Hot Dip Bituminous Coating.
2. A continuous section or Class 200 (DRI4 per AWWA C900) Plastic Pipe or equivalent, centered over the pipe being crossed.
3. A continuous section of Reinforced Concrete Pressure Pipe (per AWWA C302-74) centered on the pipe being crossed.
4. Any Wastewater Pipe within a continuous sleeve.
5. Any Wastewater Pipe separated by a 3.05 m (10') by 3.15 m (10'), 100 mm (4") thick reinforced concrete slab.

<b>Drawing No. 413</b>				<b>CITY OF LOMPOC</b> Utility Department, Water Division	
				<b>SEPARATION REQUIREMENTS FOR SEWER AND WATER LINES</b>	
MARK	REVISIONS	APPR.	DATE	Resolution No. 5008(02) <span style="float: right;">SHEET 1 OF 3</span>	