BASIC SEPARATION STANDARDS:

- 1. Parallel construction: The horizontal clear distance between pressure domestic water and reclaimed water mains and sewer lines shall be at least 10 feet clear.
- 2. Perpendicular construction (Crossing): Pressure water mains shall be at least one (1) foot clear above sanitary sewer and reclaimed water lines where these lines must cross.
- 3. The basic separation standard are applicable under normal conditions for sewer lines and water distribution lines. More stringent requirements as determined by the State Health Department may be necessary if conditions, such as, high ground water exist.
- 4. Special Provisions: Alternative construction criteria where the basic separation standards cannot be attained are shown below and on G-2B:

SPECIAL PROVISIONS GENERAL NOTES (SEE G-2B):

- 1. No pipe joints shall be permitted within Zones C and D.
- 2. All DIP must have hot DIP bituminous coating and all Class 200 PVC must meet DR-14 per AWWA C900 or equivalent.
- 3. Sewer force mains shall not be permitted in Zones A through D.
- This criteria does not apply for a reclaimed water line crossing another reclaimed water line.
- The construction criteria should apply to the house laterals that cross above a pressure water main but not to those house laterals that cross below a pressure water main.
- Construction for sewer and domestic water or reclaimed water lines 24" diameter or larger will not be allowed without the approval of the Engineer and the State Health Department.
- 7. See G-2B for applicable situations.

User note:
These details shall be used in conjunction with all the City standard details and specifications. Refer to the City standard specifications for the materials, installation, testing, protective coatings, and other requirements.

		and other requirements.
	REQUIRED SEPARATION	CITY OF LIVERMORE STANDARD DETAIL
	BETWEEN WATER, SEWER	Dwn: KY Date: April-01 No.
S/MC	AND RECLAIMED WATER	Ckd: Spec. Scale: None G-2A
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	PIPELINES	
छ Date: By: Rev:	I II ELINES	City Engineer

