

NOTES:

Case 1: New Sewer or Reclaimed Water Being Installed

Zone

Requirements

- A SEWER OR RECLAIMED LINES PARALLEL TO WATER MAINS SHALL NOT BE PERMITTED IN THIS ZONE WITHOUT APPROVAL FROM THE HEALTH AGENCY.
- B A sewer line parallel to water main shall be constructed of:
1. VCP with compression joints
 2. Class 4000 Type II with rubber gasket joints
 3. PVC with rubber ring joints
 4. Ductile iron pipe
 5. RCP per AWWA C302
- C A sewer or reclaimed water line crossing a water main shall be constructed of:
1. DIP
 2. Continuous section of SDR35 or SDR26, as an alternative Class 200 PVC per AWWA C900 or C905 can be used.
 3. Continuous sections of RCP per AWWA C302
 4. Any sewer main within a continuous sleeve
- D A sewer or reclaimed water line crossing a water main shall be constructed of:
1. Same as zone C

Case 2: New Water Main Being Installed

Zone

Requirements

- A No water mains parallel to sewer shall be constructed without approval from the Health Agency.
- B If sewer paralleling the water main does not meet the Case 1, Zone B Requirements, then water main shall be constructed of:
1. DIP
 2. PVC per AWWA C900
 3. RCP per AWWA C300, or C301, or C303
- C If the sewer crossing the water main does not meet Case 1, Zone C Requirements, the water main shall have no joints in Zone C and will be constructed of:
1. Same as Case 2, Zone B above.
- D If the sewer crossing the water main does not meet the requirements for Zone D, Case 1, the water main shall have no joints within four (4) feet from either side of the sewer and shall be constructed of:
1. Same as Case 2, Zone B above.

Revision	By	Approved	Date	CITY OF OCEANSIDE DESIGN CRITERIA FOR SEPARATION OF WATER, SEWER AND RECLAIMED WATER MAINS	CITY ENGINEER	Date
07/26/99	kal					
08/30/04	AC				STANDARD DRAWING NO. RW-1a	
09/24/10	DW					