

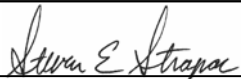
NOTES:

## Case 1: New Sewer or Recycled Water Being Installed

<u>Zone</u>	<u>Requirements</u>
A	SEWER OR RECYCLED 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: <ol style="list-style-type: none"><li>1. VCP with compression joints</li><li>2. Class 4000 Type II with rubber gasket joints</li><li>3. PVC with rubber ring joints</li><li>4. Ductile iron pipe</li></ol>
C	A sewer or recycled water line crossing a water main shall be constructed of: <ol style="list-style-type: none"><li>1. DIP</li><li>2. Continuous section of SDR35 or SDR26, as an alternative Class 200 PVC per AWWA C900 or C905 can be used.</li><li>3. Any sewer main within a continuous sleeve</li></ol>
D	A sewer or recycled water line crossing a water main shall be constructed of: <ol style="list-style-type: none"><li>1. Same as zone C</li></ol>

## Case 2: New Water Main Being Installed

<u>Zone</u>	<u>Requirements</u>
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: <ol style="list-style-type: none"><li>1. DIP</li><li>2. PVC per AWWA C900</li></ol>
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: <ol style="list-style-type: none"><li>1. Same as Case 2, Zone B above.</li></ol>
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: <ol style="list-style-type: none"><li>1. Same as Case 2, Zone B above.</li></ol>

Revision	By	Approved	Date	<b>CITY OF OCEANSIDE</b>  <b>DESIGN CRITERIA FOR SEPARATION OF WATER, SEWER AND RECYCLED WATER MAINS</b>	 CITY ENGINEER  STANDARD DRAWING NO. <b>RW-1a</b>	Date
07/26/99	kal					9/17/17
08/30/04	AC					Date
09/24/10	DW					
09/29/15	IN					
07/01/17	SM		08/01/17			