

**CASE 2 – NEW WATER MAIN (FOR PARALLEL CONSTRUCTION AND CROSSINGS)**

ZONE	SPECIAL CONSTRUCTION REQUIREMENTS
A	NEW WATER MAINS PARALLEL TO EXISTING SANITARY MAINS SHALL NOT BE PERMITTED IN THIS ZONE WITHOUT PRIOR WRITTEN APPROVAL FROM THE STATE BOARD AND PUBLIC WATER SYSTEM PURVEYOR.
B	<p>IF THE EXISTING SANITARY SEWER MAIN PARALLELING THE NEW WATER MAIN DOES NOT MEET THE CASE 1 / ZONE B REQUIREMENTS, THE NEW WATER MAIN SHOULD BE CONSTRUCTED OF ONE OF THE FOLLOWING:</p> <ol style="list-style-type: none"> <li>1. HDPE PIPE WITH FUSION WELDED JOINTS PER AWWA C906;</li> <li>2. DIP WITH HOT DIP BITUMINOUS COATING AND MECHANICAL JOINTS (GASKETED, BOLTED JOINTS);</li> <li>3. DIPPED AND WRAPPED ¼ THICK WELDED STEEL PIPE; OR</li> <li>4. DR 14 (CLASS 305) PVC PIPE PER AWWA C900/905 PVC;</li> <li>5. REINFORCED CONCRETE PRESSURE PIPE, STEEL CYLINDER TYPE, PER AWWA C300, C302, OR C303.</li> </ol>
C	<p>IF THE EXISTING SANITARY SEWER MAIN CROSSING ABOVE THE NEW WATER MAIN DOES NOT MEET THE REQUIREMENTS FOR CASE 1 / ZONE C, THE NEW WATER MAIN SHOULD HAVE NO JOINTS WITHIN 10 FEET FROM EITHER SIDE OF THE SANITARY SEWER MAIN (IN ZONE C) AND SHOULD BE CONSTRUCTED OF ONE OF THE FOLLOWING:</p> <ol style="list-style-type: none"> <li>1. HDPE PIPE WITH FUSION WELDED JOINTS PER AWWA C906;</li> <li>2. DIP WITH HOT DIP BITUMINOUS COATING AND MECHANICAL JOINTS (GASKETED, BOLTED JOINTS);</li> <li>3. DIPPED AND WRAPPED ¼ THICK WELDED STEEL PIPE;</li> <li>4. DR 14 (CLASS 305) PVC PIPE PER AWWA C900/909 PVC; OR</li> <li>5. REINFORCED CONCRETE PRESSURE PIPE, STEEL CYLINDER TYPE, PER AWWA C300, C302, OR C303.</li> </ol>
D	IF THE EXISTING SANITARY SEWER MAIN CROSSING BELOW THE NEW WATER MAIN DOES NOT MEET THE REQUIREMENTS FOR CASE 1 / ZONE D, THE NEW WATER MAIN SHOULD HAVE NO JOINTS WITHIN 8 FEET FROM EITHER SIDE OF THE EXISTING SANITARY SEWER MAIN (IN ZONE D) AND SHOULD BE CONSTRUCTED AS FOR ZONE C.



**Ventura County  
Waterworks  
District No. 8**

**SEPARATION REQUIREMENTS FOR  
WATER MAINS AND NON-POTABLE PIPELINES**

RECOMMENDED:

/s/

DEPUTY DIRECTOR / DISTRICT ENGINEER

APPROVED:

/s/

DIRECTOR OF PUBLIC WORKS

JUL 2021

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