

CASE 1 – NEW SEWER MAIN (FOR PARALLEL CONSTRUCTION AND CROSSINGS)

ZONE	SPECIAL CONSTRUCTION REQUIREMENTS
A	NEW SANITARY SEWER MAINS PARALLEL TO EXISTING WATER 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 WATER MAIN PARALLELING THE NEW SANITARY SEWER MAIN DOES NOT MEET THE CASE 2 / ZONE B REQUIREMENTS, THE SANITARY SEWER MAIN SHOULD BE CONSTRUCTED OF ONE OF THE FOLLOWING</p> <ol style="list-style-type: none"> 1. HDPE PIPE WITH FUSION WELDED JOINTS PER AWWA C906; 2. SPIRALLY-REINFORCED HDPE PIPE WITH GASKETED JOINTS PER ASTM F-894; 3. EXTRA STRENGTH VITRIFIED CLAY PIPE WITH COMPRESSION JOINTS; 4. PVC SEWER PIPE WITH RUBBER RING JOINTS PER ASTM D3034; 5. DIP WITH COMPRESSION JOINTS; OR 6. REINFORCED CONCRETE PRESSURE PIPE WITH COMPRESSION JOINTS PER AWWA C302.
C	<p>IF THE EXISTING WATER MAIN CROSSING BELOW THE SANITARY SEWER MAIN DOES NOT MEET THE REQUIREMENTS FOR CASE 2 / ZONE C, THE SANITARY SEWER MAIN SHOULD HAVE NO JOINTS WITHIN 10 FEET FROM EITHER SIDE OF THE WATER MAIN (IN ZONE C) AND SHOULD BE CONSTRUCTED OF ONE OF THE FOLLOWING:</p> <ol style="list-style-type: none"> 1. A CONTINUOUS SECTION OF DIP WITH HOT DIP BITUMINOUS COATING; OR 2. ONE OF THE ZONE D OPTIONS 1, 3, 4, OR 5 BELOW.
D	<p>IF THE EXISTING WATER MAIN CROSSING ABOVE THE NEW SANITARY SEWER MAIN DOES NOT MEET THE REQUIREMENTS FOR CASE 2 / ZONE D, THE NEW SANITARY SEWER MAIN SHOULD HAVE NO JOINTS WITHIN 4 FEET FROM EITHER SIDE OF THE EXISTING WATER MAIN (IN ZONE D) AND BE CONSTRUCTED OF ONE OF THE FOLLOWING:</p> <ol style="list-style-type: none"> 1. HDPE PIPE WITH FUSION WELDED JOINTS PER AWWA C906; 2. DUCTILE IRON PIPE WITH HOT DIP BITUMINOUS COATING AND MECHANICAL JOINTS (GASKETED, BOLTED JOINTS); 3. A CONTINUOUS SECTION OF DR 14 (CLASS 305) PVC PIPE PER AWWA C900 PVC PIPE, CENTERED OVER THE PIPE BEING CROSSED; 4. A CONTINUOUS SECTION OF REINFORCED CONCRETE PRESSURE PIPE PER AWWA C302, CENTERED OVER THE EXISTING WATER MAIN; OR 5. ANY SANITARY SEWER MAIN WITHIN A CONTINUOUS SLEEVE.



**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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