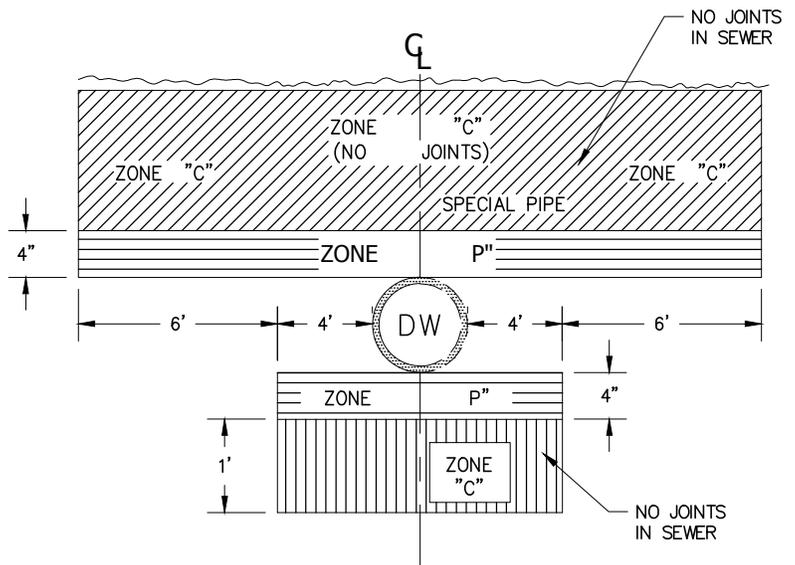


SEWER MAIN PARALLEL TO DOMESTIC WATER (DW) MAIN



SEWER MAIN CROSSING DOMESTIC WATER (DW) MAIN

**SPECIAL CONSTRUCTION REQUIRED FOR SEWER MAINS**

- ZONE
- "A" NO SEWER MAINS PARALLEL TO DW MAINS SHALL BE PERMITTED IN THIS ZONE WITHOUT APPROVAL FROM THE PUBLIC WORKS AND UTILITIES DEPARTMENT.
- "B" SEWER MAIN SHALL BE CONSTRUCTED OF:
1. HIGH STRENGTH VITRIFIED CLAY PIPE WITH MISSION CLAY ADJUSTABLE REPAIR COUPLING (TYPE Z).
  2. PLASTIC SEWER PIPE (SDR-35) WITH RUBBER COUPLING WITH AMAZON SHEAR RING.
- "C" SEWER MAIN SHALL BE CONSTRUCTED OF:
1. HIGH STRENGTH VITRIFIED CLAY PIPE WITH MISSION CLAY ADJUSTABLE REPAIR COUPLING (TYPE Z).
  2. PLASTIC SEWER PIPE (SDR-35) WITH RUBBER COUPLING WITH AMAZON SHEAR RING. THERE SHALL BE NO JOINTS IN THIS ZONE.
- "P" PROHIBITED. NO SEWER MAIN SHALL BE CONSTRUCTED IN THIS ZONE.

**BASIC SEPARATION STANDARDS**

1. PARALLEL CONSTRUCTION: THE HORIZONTAL DISTANCE BETWEEN DW AND SEWER MAINS SHALL BE AT LEAST 10 FEET.
2. PERPENDICULAR CONSTRUCTION (CROSSING): SEWER MAINS SHALL BE AT LEAST ONE FOOT ABOVE DW MAIN LINES AND FOUR INCHES BELOW WHERE LINES MUST CROSS. ANY INSTALLATION WITHIN THESE STANDARDS WILL REQUIRE SPECIAL INSTALLATION REQUIREMENTS AND MUST BE APPROVED BY THE PUBLIC WORKS AND UTILITIES DEPARTMENTS.

FORMER CITY STANDARD PLAN NUMBER (2004 EDITION): STD 533-L

APP. <i>James M. Hinkle</i>	51568	11/24/2020			
CITY ENGINEER	RCE	DATE	NO.	DATE	DESCRIPTION OF REVISIONS

**CITY OF NEWPORT BEACH DEPARTMENT OF PUBLIC WORKS**

DRAWN: M. ELIAS	<b>SEWER &amp; WATER SEPARATION (EXISTING WATER)</b>	STANDARD DRAWING NO. <b>500-A</b>
DATE: 11/3/2020		SHEET 1 OF 1