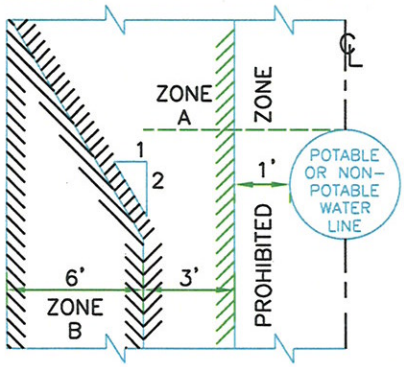
BASIC SEPARATION STANDARDS

1. PARALLEL CONSTRUCTION: THE HORIZONTAL SEPARATION OF POTABLE WATER LINES AND SEWER OR NON-POTABLE WATER LINES SHALL BE AT LEAST 10 FEET. THE HORIZONTAL SEPARATION OF NON-POTABLE WATER LINES AND POTABLE WATER OR SEWER LINES SHALL BE AT LEAST 10 FEET.

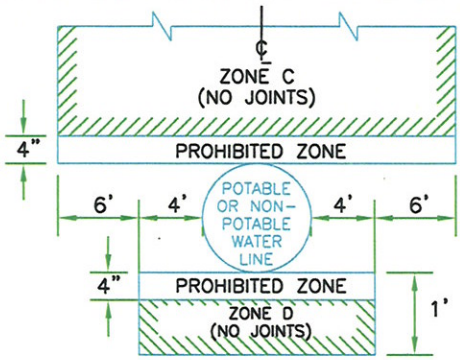
2. PERPENDICULAR CONSTRUCTION (CROSSINGS): POTABLE WATER LINES SHALL BE AT LEAST ONE FOOT ABOVE NON-POTABLE WATER LINES WHICH SHALL BE AT LEAST ONE FOOT ABOVE SEWER LINES.

3. SPECIAL CRITERIA: ALTERNATIVE CONSTRUCTION CRITERIA WHERE THE BASIC STANDARDS CANOT BE ATTAINED ARE SHOWN BELOW.

SITUATION: RELALTIVE LOCATION OF SEWER LINES TO POTABLE AND NON-POTABLE WATER LINES.



PARALLEL CONSTRUCTION



PERPENDICULAR CROSSING

IF ANY SEWER IS TO BE CONSTRUCTED WITHIN ANY OF THE ABOVE INDICATED ZONES, SPECIAL CONSTRUCTION SHALL BE REQUIRED AS DESCRIBED BELOW.

SEWER CONSTRUCTION REQUIREMENTS FOR ZONES A, B, C, & D

ZONE	SEWER
A	DO NOT LOCATE ANY PARALLEL SEWER IN THIS AREA WITHOUT STATE OR LOCAL HEALTH DEPARTMENT APPROVAL.
B	USE V.C.P. OR D.I.P. WITH COMPRESSION JOINTS.
C	USE D.I.P. WITH MECHANICAL JOINTS OR CLASS 200 P.V.C. -- AWWA C900.
D	USE D.I.P. OR CLASS 200 P.V.C. -- AWWA C900.

SPECIAL PROVISIONS – GENERAL NOTES

1. NO PIPE JOINTS SHALL BE PERMITTED WITHIN ZONES C AND D.
2. ALL D.I.P. TO BE SUPPLIED AND INSTALLED PER SECTION 15056.
3. SEWER FORCE MAINS SHALL NOT BE PERMITTED IN ZONES A THROUGH D.
4. THE CONSTRUCTION CRITERIA SHOULD APPLY TO THE HOUSE LATERALS THAT CROSS ABOVE A PRESSURE WATER MAIN, BUT NOT TO THOSE HOUSE LATERALS THAT CROSS BELOW A PRESSURE WATER MAIN.

STATE HEALTH DEPT. EXCEPTIONS TO BASIC SEPARATION

REVISIONS		
NO.	DATE	APPROVED

CITY OF SAN JUAN CAPISTRANO

APPROVED

WATER SERVICES MANAGER — DATE 1.15.08

STD. NO. W-12

SHEET 1 OF 3

F:\CVWDSTD\W-12A

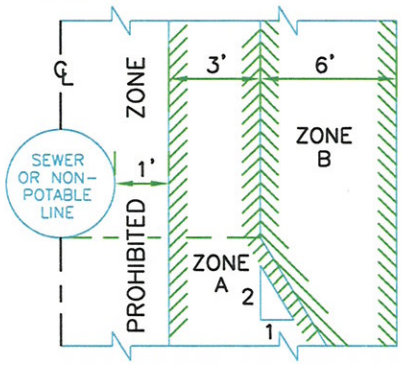
BASIC SEPARATION STANDARDS

1. PARALLEL CONSTRUCTION: THE HORIZONTAL SEPARATION OF POTABLE WATER LINES AND SEWER OR NON-POTABLE WATER LINES SHALL BE AT LEAST 10 FEET. THE HORIZONTAL SEPARATION OF NON-POTABLE WATER LINES AND POTABLE WATER OR SEWER LINES SHALL BE AT LEAST 10 FEET.

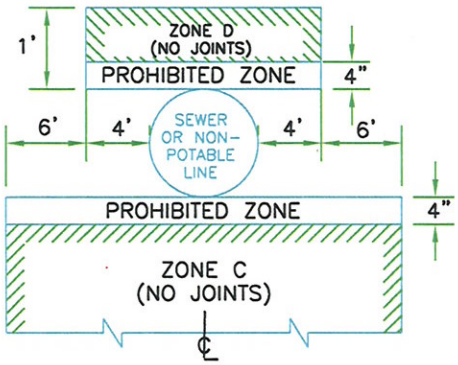
2. PERPENDICULAR CONSTRUCTION (CROSSINGS): POTABLE WATER LINES SHALL BE AT LEAST ONE FOOT ABOVE NON-POTABLE WATER LINES WHICH SHALL BE AT LEAST ONE FOOT ABOVE SEWER LINES.

3. SPECIAL CRITERIA: ALTERNATIVE CONSTRUCTION CRITERIA WHERE THE BASIC STANDARDS CANOT BE ATTAINED ARE SHOWN BELOW.

SITUATION: LOCATION OF NEW WATER LINE TO EXISTING SEWER LINE



PARALLEL CONSTRUCTION



PERPENDICULAR CROSSING

IF ANY WATER PIPELINE IS TO BE CONSTRUCTED WITHIN ANY OF THE ABOVE INDICATED ZONES, SPECIAL CONSTRUCTION SHALL BE REQUIRED AS DESCRIBED BELOW

CONSTRUCTION REQUIREMENTS FOR POTABLE WATER LINES IN ZONES A, B, C, & D.

ZONE	DOMESTIC WATER
A	DO NOT LOCATE ANY PARALLEL WATER LINES IN THIS AREA WITH OUT STATE AND LOCAL HEALTH DEPARTMENT APPROVAL.
B	USE CLASS 200 D.I.P.
C	USE D.I.P.
D	USE D.I.P.

STATE HEALTH DEPT. EXCEPTIONS TO BASIC SEPARATION

REVISIONS		
NO.	DATE	APPROVED

CITY OF SAN JUAN CAPISTRANO

APPROVED

WATER SERVICES MANAGER — DATE 1.15.08

STD. NO. W-12

SHEET 2 OF 3

F:\CVWDSTD\W-12B

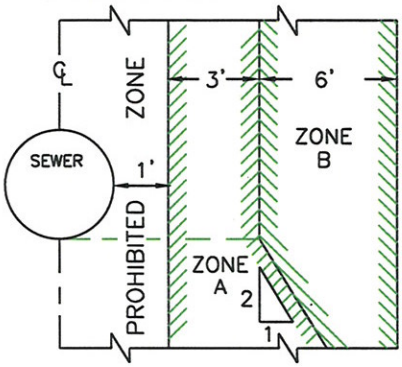
BASIC SEPARATION STANDARDS

1. PARALLEL CONSTRUCTION: THE HORIZONTAL SEPARATION OF POTABLE WATER LINES AND SEWER OR NON-POTABLE WATER LINES SHALL BE AT LEAST 10 FEET. THE HORIZONTAL SEPARATION OF NON-POTABLE WATER LINES AND POTABLE WATER OR SEWER LINES SHALL BE AT LEAST 10 FEET.

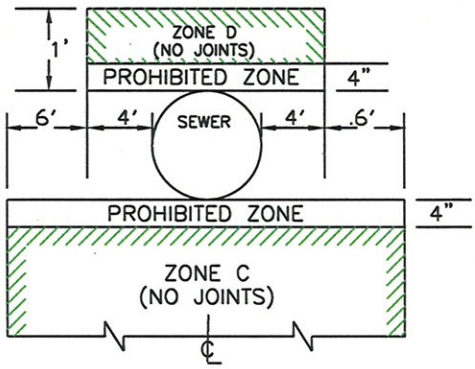
2. PERPENDICULAR CONSTRUCTION (CROSSINGS): POTABLE WATER LINES SHALL BE AT LEAST ONE FOOT ABOVE NON-POTABLE WATER LINES WHICH SHALL BE AT LEAST ONE FOOT ABOVE SEWER LINES.

3. SPECIAL CRITERIA: ALTERNATIVE CONSTRUCTION CRITERIA WHERE THE BASIC STANDARDS CANOT BE ATTAINED ARE SHOWN BELOW.

SITUATION: LOCATION OF NEW WATER LINE TO EXISTING SEWER LINE



PARALLEL CONSTRUCTION



PERPENDICULAR CROSSING

IF ANY NON – POTABLE LINE IS TO BE CONSTRUCTED WITH IN ANY OF THE ABOVE INDICATED ZONES, SPECIAL CONSTRUCTION SHALL BE REQUIRED AS DESCRIBED BELOW

CONSTRUCTION REQUIREMENTS FOR NON – POTABLE LINES IN ZONES A, B, C, & D.

ZONE	NON – POTABLE WATER
A	DO NOT LOCATE ANY PARALLEL WATER LINES IN THIS AREA WITH OUT STATE AND LOCAL HEALTH DEPARTMENT APPROVAL.
B	USE CLASS 200 D.I.P., P.V.C.
C	USE D.I.P.
D	USE D.I.P.

STATE HEALTH DEPT. EXCEPTIONS TO BASIC SEPARATION

REVISIONS		
NO.	DATE	APPROVED

CITY OF SAN JUAN CAPISTRANO

APPROVED

WATER SERVICES MANAGER — DATE 1.13.8

STD. NO. W-12

SHEET 3 OF 3

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