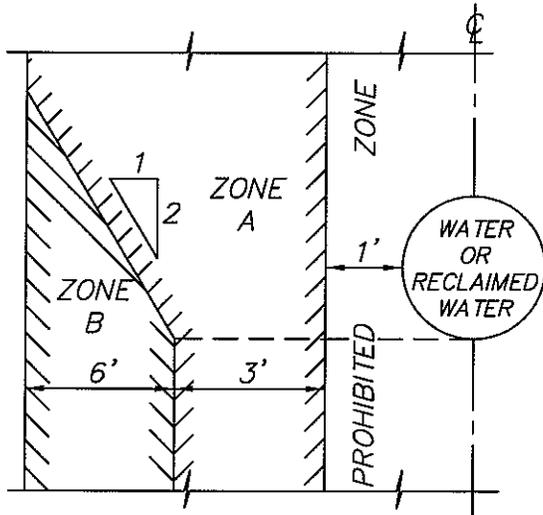
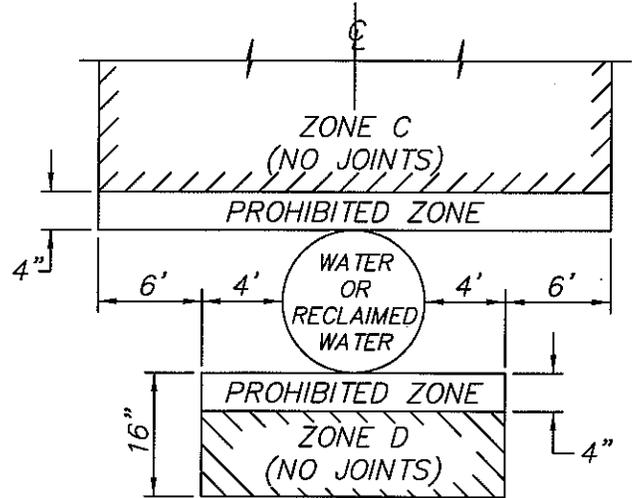


BASIC SEPARATION STANDARDS

1. PARALLEL CONSTRUCTION: THE HORIZONTAL DISTANCE BETWEEN PRESSURE DOMESTIC WATER AND RECLAIMED WATER MAINS AND SEWER LINES SHALL BE AT LEAST 10'.
2. PERPENDICULAR CONSTRUCTION (CROSSING): PRESSURE WATER SHALL BE AT LEAST 12" ABOVE SANITARY SEWER AND RECLAIMED WATER LINES WHERE THESE LINES MUST CROSS.
3. SPECIAL PROVISIONS: ALTERNATIVE CONSTRUCTION CRITERIA WHERE THE BASIC SEPARATION STANDARDS CANNOT BE ATTAINED ARE SHOWN BELOW.
4. ANY VARIATIONS TO THIS STANDARD MUST BE APPROVED IN ADVANCE BY THE STATE DEPARTMENT OF PUBLIC HEALTH SERVICES AND THE CITY.



PARALLEL CONSTRUCTION



PERPENDICULAR CROSSING

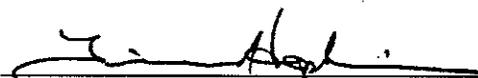
IF ANY SEWER PIPELINES ARE TO BE CONSTRUCTED WITHIN ANY OF THE ABOVE INDICATED ZONES, SPECIAL CONSTRUCTION SHALL BE REQUIRED AS DESCRIBED BELOW.

CONSTRUCTION REQUIREMENTS

ZONE SEWER

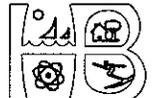
- A DO NOT LOCATE ANY PARALLEL SEWER LINES IN THIS AREA WITHOUT STATE AND LOCAL HEALTH DEPARTMENT APPROVAL.
 - B USE EXTRA STRENGTH V.C.P. OR D.I.P. WITH COMPRESSION JOINTS.
 - C USE D.I.P. WITH MECHANICAL JOINTS OR CLASS 200 P.V.C. – AWWA C900.
 - D USE D.I.P. OR CLASS 200 P.V.C. – AWWA C900.
- NO FORCE MAINS IN ZONES A OR D.

APPROVED:


CITY ENGINEER

CITY OF HUNTINGTON BEACH

DEPARTMENT OF PUBLIC WORKS



BASIC SEPARATION

FROM DOMSESTIC WATER AND RECLAIMED WATER

STANDARD PLAN

501

1 of 1

REVISION DATE: May 2008