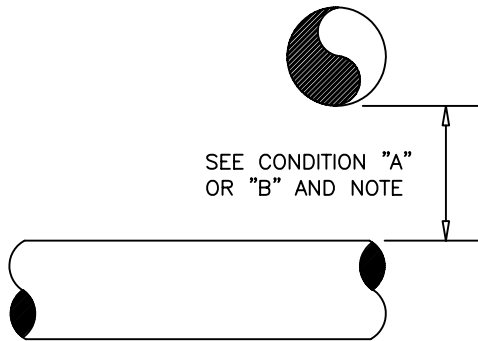
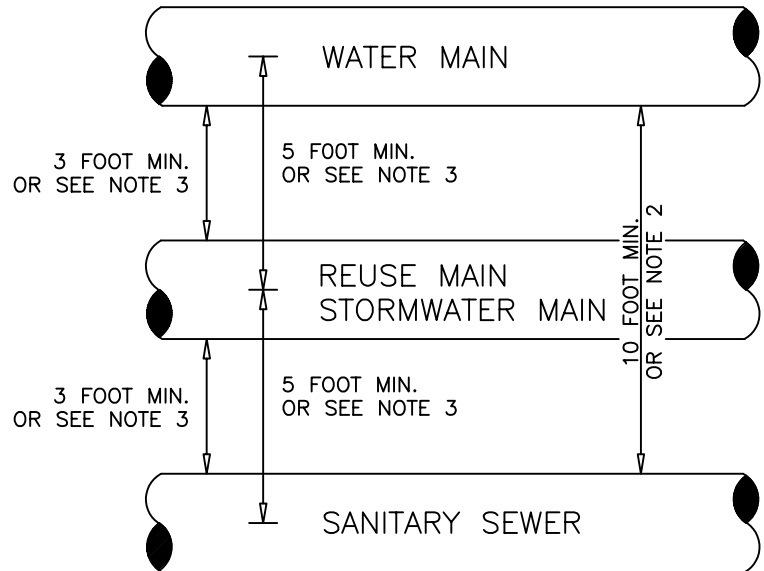


## VERTICAL



## HORIZONTAL



CONDITION "A": WATER MAIN CROSSING OVER  
REUSE MAIN/SEWER MAIN/  
STORMWATER MAIN

CONDITION "B": WATER MAIN CROSSING UNDER  
REUSE MAIN/SEWER MAIN/  
STORMWATER MAIN

MINIMUM VERTICAL SEPARATION SHALL BE 12 INCHES OR BOTH MAINS MUST BE DUCTILE IRON PIPE OR SDR-14 C-900 P.V.C. FOR A MINIMUM CONTINUOUS LENGTH OF 18 FEET CENTERED AT THE WATER MAIN.

SEWER MAIN MUST BE DUCTILE IRON PIPE OR SDR-14 C-900 P.V.C. FOR A MINIMUM CONTINUOUS LENGTH OF 18 FEET CENTERED AT THE WATER MAIN REGARDLESS OF VERTICAL CLEARANCE.

1. WHEN BOTH MAINS ARE EITHER DUCTILE IRON PIPE OR SDR-14 C-900 P.V.C., THE MINIMUM VERTICAL CLEARANCE SHALL BE 6 INCHES.
2. IF A 10 FOOT MINIMUM HORIZONTAL SEPARATION CAN NOT BE OBTAINED BETWEEN WATER AND SEWER MAINS, BOTH PIPES SHALL BE DUCTILE IRON PIPE OR SDR-14 C-900 P.V.C. UNTIL A 10 FOOT CLEARANCE IS OBTAINED.
3. IF 5 FOOT MINIMUM (CENTER TO CENTER) OR 3 FOOT MINIMUM (OUTSIDE TO OUTSIDE) SEPARATION CAN NOT BE OBTAINED BETWEEN REUSE MAIN TO WATER OR SEWER MAINS, ALL PIPE SHALL BE DUCTILE IRON PIPE OR SDR-14 C-900 P.V.C. UNTIL THE 5 FOOT OR 3 FOOT SEPARATION IS OBTAINED.

NOTE: CONCRETE ENCASEMENT SHALL NOT BE ACCEPTED.

## WATER AND SEWER MAIN CROSSING

N.T.S.