PROPOSED SEWER LINE BELOW EXISTING WATER MAIN WITH LESS THAN 18" MINIMUM VERTICAL SEPARATION

PROPOSED WATER MAIN ABOVE EXISTING SEWER LINE WITH LESS THAN 18" VERTICAL SEPARATION

1. CONSTRUCT "L" FEET OF PROPOSED SEWER OF WATER MAIN MATERIAL (CLASS IV) AND COMPACT. FOR "S" FEET ON EACH SIDE OF PROPOSED SEWER WILL PROVIDE "S" LENGTH NECESSARY TO PROVIDE CHARGE ON EXISTING SEWER LINE.

2. PROVIDE ADEQUATE SUPPORT FOR EXISTING SEWER LINE TO PREVENT DAMAGE DUE TO SETTLEMENT OF PROPOSED SEWER TRENCH AND REPLACE WITH SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT THE LENGTH OF "L" FEET. IF SELECT GRANULAR BACKFILL EXISTS, REMOVE WITHIN WIDTH OF ONE (1) FOOT OVER TOP OF PROPOSED SEWER AND USE SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT THE LENGTH OF "L" FEET.

3. POINT LOADS SHALL NOT BE ALLOWED BETWEEN WATER MAIN CASING AND SEWER. USE "L" FEET OF WATER MAIN MATERIAL FOR CASING OF PROPOSED SEWER AND SEAL ENDS OF CASING.

4. CONSTRUCT "L" FEET OF PROPOSED SEWER OF WATER MAIN MATERIAL (CLASS IV) AND COMPACT. FOR "S" FEET ON EACH SIDE OF PROPOSED SEWER WILL PROVIDE "S" LENGTH NECESSARY TO PROVIDE CHARGE ON EXISTING SEWER LINE.

5. PROVIDE ADEQUATE SUPPORT FOR EXISTING SEWER LINE TO PREVENT DAMAGE DUE TO SETTLEMENT OF PROPOSED SEWER TRENCH AND REPLACE WITH SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT THE LENGTH OF "L" FEET. IF SELECT GRANULAR BACKFILL EXISTS, REMOVE WITHIN WIDTH OF ONE (1) FOOT OVER TOP OF WATER MAIN AND USE SELECT EXCAVATED MATERIAL (CLASS IV) AND COMPACT THE LENGTH OF "L" FEET.

NOTE: "S" THE LENGTH NECESSARY TO PROVIDE CHARGE ON EXISTING SEWER LINE.

WATER AND SEWER SEPARATION REQUIREMENTS (PER IEPA)