



**GENERAL NOTES:**

1. NEW OR EXISTING POTABLE WATER AND RECLAIMED WATER MAINS.
2. SEPARATION DISTANCES SHALL FOLLOW TEXAS COMMISSION ON ENVIRONMENTAL QUALITY STANDARD REQUIREMENTS.

**CONSTRUCTION KEY NOTES**

WHEN STANDARD NINE (9) FOOT SEPARATION DISTANCE CANNOT BE ACHIEVED, SEPARATION SHALL BE DETERMINED ACCORDING TO THE FOLLOWING CONDITIONS:

- CASE 1. POTABLE WATER MAIN PARALLEL TO RECLAIMED WATER MAIN.**
- LOCATION: POTABLE WATER ABOVE RECLAIMED WATER MAIN.
  - EXISTING RECLAIMED WATER MAIN TO REMAIN IF NOT LEAKING-IF LEAKING, MUST BE REPLACED.
  - SEPARATE TRENCHES SHALL BE USED.
- CASE 2. NEW POTABLE WATER MAIN CROSSING EXISTING RECLAIMED WATER MAIN.**
- LOCATION: POTABLE WATER ABOVE RECLAIMED WATER MAIN.
  - EXISTING RECLAIMED WATER MAIN TO REMAIN IF NOT LEAKING-IF LEAKING, REPLACE ONE PIPE SEGMENT PER CASE 3 REQUIREMENTS.
  - CENTER ONE SEGMENT OF WATER PIPE OVER RECLAIMED WATER MAIN.
  - MINIMUM PIPE SEGMENT LENGTH FOR WATER PIPE SHALL BE 18 FEET LONG.
- CASE 3. NEW POTABLE WATER MAIN CROSSING NEW RECLAIMED WATER MAIN.**
- LOCATION: POTABLE WATER ABOVE RECLAIMED WATER MAIN.
  - NEW RECLAIMED WATER MAIN - PVC (150PSI) OR DI REQUIRED. MUST BE EMBEDDED IN CEMENT STABILIZED BACKFILL THE TOTAL LENGTH OF ONE PIPE PLUS 12" BEYOND THE JOINT AT EACH END.
  - CENTER ONE SEGMENT OF POTABLE WATER PIPE OVER RECLAIMED WATER MAIN.
  - MINIMUM PIPE SEGMENT LENGTH FOR POTABLE WATER AND RECLAIMED WATER SHALL BE 18 FEET LONG.
- CASE 4. NEW POTABLE WATER MAIN CROSSING NEW RECLAIMED WATER MAIN.**
- LOCATION: POTABLE WATER ABOVE RECLAIMED WATER MAIN.
  - NEW RECLAIMED WATER MAIN - PVC (150PSI) OR DI REQUIRED. IN ADDITION, RECLAIMED WATER MAIN MUST BE ENCASED IN DI OR STEEL, TWO NOMINAL SIZES LARGER THAN MAIN AND AT LEAST 18 FEET LONG.
  - CENTER CASING PIPE ON WATER MAIN.
- CASE 5. NEW RECLAIMED WATER MAIN CROSSING NEW POTABLE WATER MAIN.**
- LOCATION: RECLAIMED WATER MAIN ABOVE POTABLE WATER.
  - NEW RECLAIMED WATER MAIN REQUIRES ONE PIPE SEGMENT OF PVC (150 PSI) OR DI. IN ADDITION, POTABLE WATER MUST BE DI OR STEEL OR ENCASED IN DI OR STEEL, TWO NOMINAL SIZES LARGER THAN MAIN AND AT LEAST 18 FEET LONG.
  - CENTER ONE SEGMENT OF RECLAIMED PIPE ON POTABLE WATER MAIN.

STANDARD  
DETAIL

DATE: 8/3/2006  
REV: 5/2/2007

SEPARATION DISTANCE  
POTABLE WATER AND RECLAIMED WATER  
(SPECIAL CONDITIONS)

N.T.S.



DETAIL No.  
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