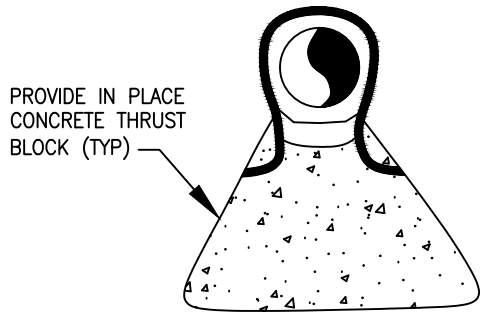
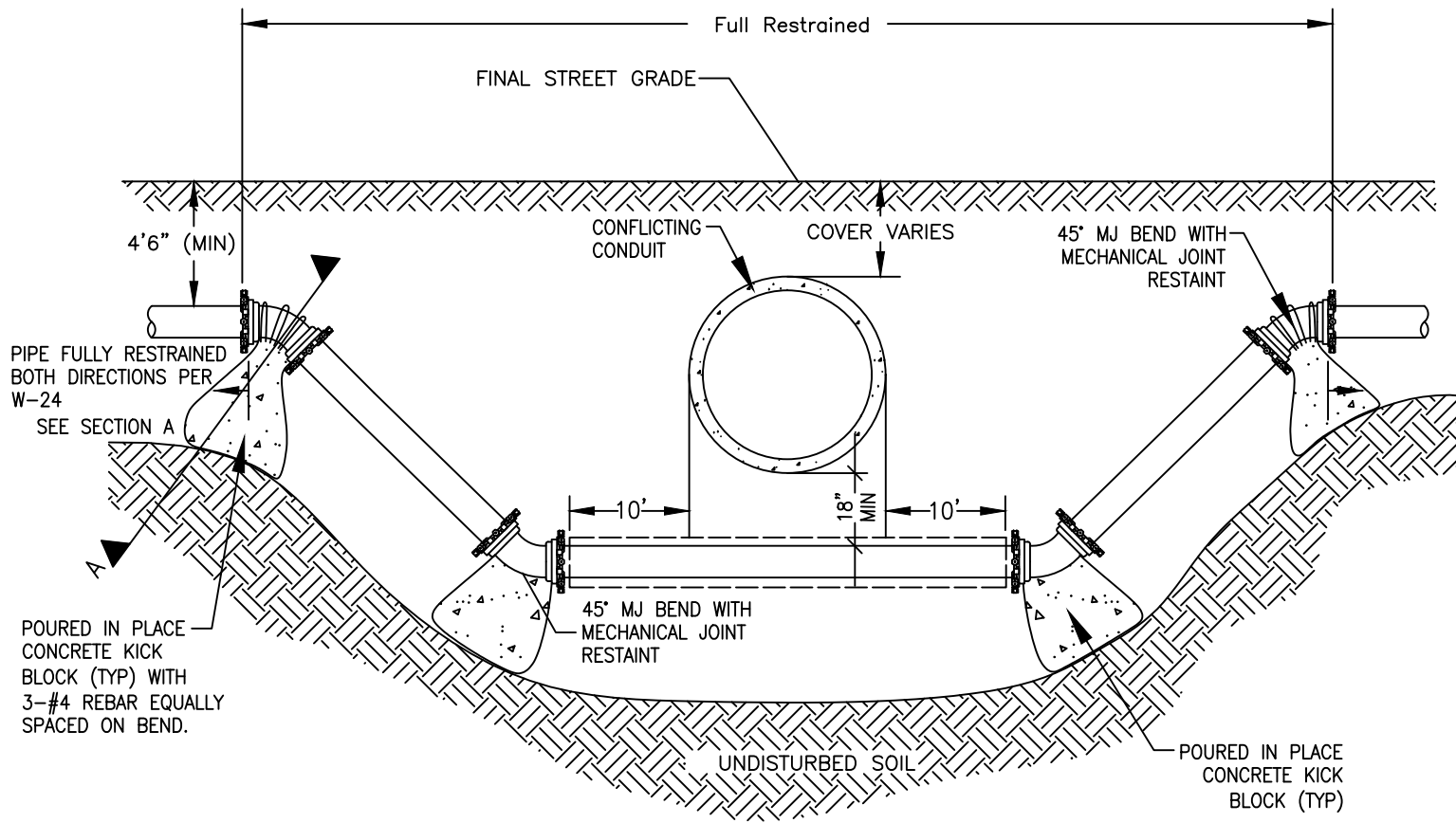


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SECTION A

1. ALL WATER MAINS WHICH CROSS ABOVE SANITARY SEWERS SHALL BE LAID TO PROVIDE A CLEAR SEPARATION OF AT LEAST 18", MEASURED FROM THE OUTSIDE OF PIPE.
2. ALL NEW PIPE CROSSING UNDER AN EXISTING PIPE WITH LESS THAN 18" OF SEPARATION, THE NEW PIPE MUST BE CONTAINED IN A CARRIER PIPE AT LEAST 10' ON EACH SIDE OF THE EXISTING PIPE, OR SHALL BE ENCASED IN A CONCRETE OR CONTROLLED LOW STRENGTH CONCRETE (FLOWABLE FILL) AT LEAST 10' ON EACH SIDE OF THE EXISTING PIPE. A MINIMUM OF 6" SEPARATION IS REQUIRED BETWEEN PIPES.
3. BACKFILLING OF THE EXISTING PIPE MUST BE DONE WITH CONTROLLED LOW STRENGTH CONCRETE (FLOWABLE FILL) TO THE TOP OF THE EXISTING PIPE.
4. IF THE EXISTING PIPE IS SEWER PIPE NOT CONSTRUCTED OF AWWA C-900 OF DIP, THE SEWER PIPE MUST BE REPLACES WITH A MINIMUM OF 18' OF AWWA C0900 OR DIP, CENTERED OVER CROSSING.
5. ALL NEW PIPE CROSSING OVER AN EXISTING PIPE WITH LESS THAN 18" COVER, THE NEW PIPE MUST BE CONTAINED IN A CARRIER PIPE AT LEAST 10' ON EACH SIDE OF THE EXISTING PIPE, OR SHALL BE ENCASED IN A CONCRETE OR CONTROLLED LOW STRENGTH CONCRETE (FLOWABLE FILL) AT LEAST 10' ON EACH SIDE OF THE EXISTING PIPE. A MINIMUM OF 6" SEPARATION IS REQUIRED BETWEEN PIPES.
6. IF THE EXISTING PIPE IS DAMAGED DURING CONSTRUCTION, THE ACWWA INSPECTOR SHALL DETERMINE THE LENGTH OF EXISTING PIPE TO BE REMOVED AND REPLACED WITH AWWA-900 PIPE.

REVISION DATE:
03/01/2013
FIGURE NO.
G-4
SHEET NO.
1 of 1

**UTILITY CROSSING
STANDARD**

ARAPAOE COUNTY
Water and Wastewater Authority

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