



RESTRAINT LENGTH IN EACH DIRECTION FROM UPPER BENDS SHALL BE AS FOLLOWS:

| SIZE OF PIPE | 4" | 6" | 8" | 12" | 16" | 20" | 24" |
|--------------|-------|-------|-------|-------|-------|-------|-------|
| L (FEET) | 16.0' | 23.0' | 30.0' | 43.0' | 56.0' | 68.0' | 80.0' |

NOTES:

1. VALVES SHALL NOT BE INSTALLED ON POTABLE AND IRRIGATION WATER MAINS BETWEEN THE UPPER TWO VERTICAL BENDS OF THE LOWERED SECTION.
2. CLEARANCE FROM IRRIGATION WATER MAINS TO SANITARY OR STORM SEWERS SHALL BE 12".
3. CLEARANCE FROM POTABLE WATER MAINS TO SANITARY SEWERS, STORM SEWERS, OR IRRIGATION WATER MAINS SHALL BE 18".
4. IN THE EVENT THAT A NEW SANITARY SEWER IS UNABLE TO CROSS AN EXISTING POTABLE OR IRRIGATION WATER MAIN WITH REQUIRED CLEARANCE, MODIFICATIONS AT THE CROSSING SHALL BE IN CONFORMANCE WITH DETAIL G-3.
5. CONFIGURATIONS UTILIZING BENDS OTHER THAN 45° MAY BE SUBMITTED TO THE DISTRICT FOR REVIEW AND APPROVAL ON A CASE BY CASE BASIS.

REVISIONS:
 6/7/00
 2/1/01
 8/1/02

**SOUTH ADAMS COUNTY
 WATER AND SANITATION DISTRICT**

WATER MAIN LOWERING

W-7